

z/OS



Support for UnicodeTM: Using Conversion Services

z/OS



Support for UnicodeTM: Using Conversion Services

Note

Before using this information and the product it supports, be sure to read the general information under "Notices" on page 367.

Fourth Edition, September 2002

This is a major revision of SA22-7649-01. This edition applies to Version 1 Release 4 of z/OS (5694-A01) and to z/OS.e (5655-G52), and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this document

This document provides guidance for using z/OS and z/OS.e support for Unicode, and is distributed in PDF format through the World Wide Web. You can find the latest update of this document at
<http://www.ibm.com/servers/eserver/zseries/zos/iea2un20.pdf>.

This document is also available on the z/OS Collection Kit (SK3T-4269).

Who should use this document

This document is designed primarily for system programmers and system administrators.

How this document is organized

Following is an overview of the contents of this document and some additional relevant information.

Overview of contents

This document contains the following information:

- “Note on terminology” on page x explains the terms used in this documentation.
- Chapter 1, “Introduction” on page 1 is a quick overview of what the Unicode Standard is and what z/OS support for Unicode on the z/OS platform is.
- Chapter 2, “Setting up the system” on page 7 includes the installation of z/OS support for Unicode and the next steps.
- Chapter 3, “Creating the conversion environment” on page 11 describes the three main tasks before activating the conversion environment: creating a conversion image, creating the parmlib member CUNUNIxx and editing IEASYSxx.
- Chapter 4, “Changing the conversion environment” on page 29 explains how an active conversion environment can be changed and how an inactive one can be deleted.
- Chapter 5, “Converting data” on page 33 gives instructions how to use the conversion services.
- Chapter 6, “Defining CCSIDs and conversion tables” on page 63 shows how you can define your own knowledge base entries, coded character set identifiers (CCSIDs), and conversion tables.
- Chapter 7, “Problem determination” on page 71 helps when problems occur.
- Appendix A, “Commands” on page 73 describes the SET UNI and the DISPLAY UNI command and their syntax.
- Appendix B, “MBCS conversions” on page 79 describes how MBCS conversions are handled internally.
- Appendix C, “Messages” on page 85 lists the z/OS support for Unicode messages.
- Appendix D, “Codes” on page 103 lists the return and reason codes.
- Appendix E, “Samples” on page 109 is a compact summary of coding examples and sample programs.
- Appendix F, “Summary of IBM-supplied conversion tables” on page 115 shows all tables IBM provides for conversions.

About this document

- Appendix G, “Summary of suffixes and CCSIDs” on page 337 gives a complete list of the z/OS support for Unicode suffixes and the corresponding CCSID.
- Appendix H, “Supported MBCS CCSIDs” on page 355 shows a list of MBCS CCSIDs supported by Unicode.
- Appendix I, “MBCS CCSID decomposition” on page 357 provides a list of MBCS CCSIDs and how they decompose into SBCS and DCBS sub-CCSIDs.
- Appendix J, “MBCS CCSIDs compatible with iconv” on page 361 gives a list of MBCS CCSIDs for which tables were changed to get compatibility with the iconv function of the Language Environment.
- Appendix K, “C-variant MBCS CCSIDs compatible with iconv” on page 363 provides a list of MBCS CCSIDs for which tables were changed to get compatibility with the iconv function of the C Runtime Environment (C-variants).
- “Notices” on page 367 deals with IBM-related legal issues.
- “Glossary of terms and abbreviations” on page 371 explains the terminology used in this document.

Note on terminology

The following terms are used in this documentation:

z/OS V1 R4 support for Unicode™

This is the official name of the function but it is often referred to as ‘z/OS support for Unicode’.

infrastructure

The infrastructure supplies all parts necessary to customize and establish the conversion services. It includes conversion tables, control structures, and the commands SET UNI and DISPLAY UNI.

conversion services

This document describes the conversion services which are offered by z/OS support for Unicode. See ‘character conversion’ and ‘case conversion’.

character conversion

With the conversion services, conversions between specified CCSIDs are possible. The term ‘character conversion’ is often referred to as ‘conversion between specified CCSIDs’.

normalization

With the normalization service, decompositions and compositions from Unicode encoding input are possible. The term ‘normalization’ is often referred to as decomposition (NFD or NFKD) or composition (NFC or NFKC). Where:

- NFD - normalization form D (canonical decomposition)
- NFKD - normalization form KD (compatibility decomposition)
- NFC - normalization form C (canonical composition)
- NFKC - normalization form KC (compatibility composition)

CCSID

CCSID is the abbreviation of the term ‘coded character set identifier’. It specifies the character representation in a data stream.

case conversion

With the conversion services, conversion to upper or lower case is possible. The term ‘case conversion’ is often referred to as ‘conversion to upper or lower case’.

conversion image

The conversion services can only be used when conversion tables and

About this document

control blocks are loaded into storage. Conversion tables and control blocks together are called 'conversion image' or simply 'image'. The conversion image is created by the image generator which runs as a batch job.

image generator for z/OS support for Unicode

This is a batch job supplied by z/OS support for Unicode for creating a conversion image. The job sometimes is referred to as 'image generator'.

conversion environment

When the conversion image is loaded into a common data space, the conversion environment is activated and the conversion services are ready to be used by callers.

From-CCSID

It is the CCSID converting from.

To-CCSID

It is the CCSID converting to.

direct conversion

When the conversion is done in one step, it is called direct conversion.

indirect conversion

When the conversion is done using an intermediate CCSID, it is called indirect conversion.

intermediate CCSID

An indirect conversion uses a intermediate CCSID 1200 to complete the several conversion steps.

simple conversion

Simple conversion is a conversion where no mixed CCSID is involved.

composite conversion

Converting a MBCS CCSIDs is done by decomposing it into its individual CCSIDs and then converting the MBCS character stream by using the appropriate CCSIDs. This process is called 'composite conversion' (a mixed CCSID is involved).

Additional terms used in this document are explained in "Glossary of terms and abbreviations" on page 371.

Document conventions

This document uses visual cues to help you locate and identify information quickly and easily. The highlighting conventions used in this document are outlined in the following table.

About this document

Typographic	Usage
Bold	Bold words or characters represent general emphasis in the text.
<i>Italic</i>	<i>Italic</i> words or characters represent variable values that you must supply. <i>Italics</i> are also used for document titles and for general emphasis in text.
Constant width	Examples and information that the system displays appear in constant width typeface.
	A vertical bar separates items in a list of choices. (In other words, it means "or".)
< >	Angle brackets ('less than' and 'greater than') enclose the name of a key on the keyboard. For example, <Enter> refers to the key on your terminal or workstation that is labeled with the word Enter.
<EscChar-x>	The notation <EscChar-x> indicates a control character sequence. For example, <EscChar-c> means that you enter the escape character followed by <c>.

Syntax diagrams

This document uses railroad syntax diagrams to illustrate how to use commands. This is how you read a syntax diagram:

A command or keyword that you must enter (a required command) is displayed like this:



An optional keyword is shown below the line, like this:



A default is shown over the line, like this:



An item that can be repeated is shown like this:



Where to find more information

Following are some publications where additional information can be found.

IBM publication

To find further information, this documentation refers to the following IBM publications:

- *Character Data Representation Architecture Reference and Registry*, SC09-2190
- *z/OS MVS Initialization and Tuning Reference*, SA22-7592
- *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609
- *z/OS MVS Programming: Authorized Assembler Services Guide*, SA22-7608
- *z/OS MVS Programming: Authorized Assembler Services Reference ENF-IXG*, SA22-7610
- *z/OS MVS Programming: Assembler Services Reference ABE-HSP*, SA22-7606
- *z/OS MVS System Codes*, SA22-7626

You find these documents at <http://www.ibm.com/servers/eserver/zseries/zos>

Non-IBM publication

Additional information on the Unicode® Consortium can be found at the Web site <http://www.unicode.org/>.

Where to find more information

Information updates on the web

For the latest information updates that have been provided in PTF cover letters and Documentation APARs for z/OS and z/OS.e, see the online document at:

<http://www.s390.ibm.com:80/bookmgr-cgi/bookmgr.cmd/B00KS/ZIDOCMST/CCONTENTS>

This document is updated weekly and lists documentation changes before they are incorporated into z/OS publications.

Using LookAt to look up message explanations

LookAt is an online facility that allows you to look up explanations for most of the z/OS, z/VM, and VSE messages you encounter, as well as system abends and some codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation.

You can access LookAt from the Internet at:

<http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/>

or from anywhere in z/OS where you can access a TSO command line (for example, TSO prompt, ISPF, z/OS UNIX System Services running OMVS). You can also download code from the *z/OS Collection* (SK3T-4269) and the LookAt Web site so you can access LookAt from a PalmPilot (Palm VIIx suggested).

To use LookAt on the Internet to find a message explanation, go to the LookAt Web site and simply enter the message identifier (for example, \$HASP701 or \$HASP*). You can select a specific release to narrow your search.

To use LookAt as a TSO command, you must have LookAt installed on your host system. You can obtain the LookAt code for TSO from a disk on your *z/OS Collection* (SK3T-4269) or from the LookAt Web site. To obtain the code from the LookAt Web site, do the following:

1. Go to <http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/>.
2. Click **News**.
3. Scroll to **Download LookAt Code for TSO and z/VM**.
4. Click the [ftp](#) link, which will take you to a list of operating systems. Click the appropriate operating system. Then click the appropriate release.
5. Open the **lookat.me** file and follow its detailed instructions.

After you have LookAt installed, you can access a message explanation from a TSO command line by entering: **lookat message-id**. LookAt will display the message explanation for the message requested.

Note: Some messages have information in more than one book. For example, IEC192I can be found in *z/OS MVS System Messages, Vol 7 (IEB-IEE)* and also in *z/OS MVS Routing and Descriptor Codes*. For such messages, LookAt displays a list of books in which the message appears. You can then select one of the books to view the message explanation.

Summary of changes

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Starting with z/OS V1R2, you may notice changes in the style and structure of some content in this document--for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

An appendix with z/OS product accessibility information has been added.

New for z/OS Version 1 Release 4 and z/OS.e

This document supports z/OS Version 1 Release 4 and z/OS.e support for Unicode, including the Unicode normalization services. Normalization provides for the canonical and compatibility equivalences between any Unicode string. For descriptions and examples beyond those discussed in this document, refer to the Unicode normalization web site: <http://www.unicode.org/unicode/reports/tr15/>.

Chapter 1. Introduction

This chapter includes an introduction to z/OS support for Unicode.

The Unicode™ Standard

This text is from the Unicode Consortium Web site.

The Unicode Standard is the universal character encoding standard used for representation of text for computer processing. It is fully compatible with the second edition of International Standard ISO/IEC 10646-1:2000, and contains all the same characters and encoding points as ISO/IEC 10646. The Unicode Standard also provides additional information about the characters and their use. Any implementation that is conformant to Unicode is also conformant to ISO/IEC 10646.

Unicode provides a consistent way of encoding multilingual plain text and brings order to a chaotic state of affairs that has made it difficult to exchange text files internationally. Computer users who deal with multilingual text -- business people, linguists, researchers, scientists, and others -- will find that the Unicode Standard greatly simplifies their work. Mathematicians and technicians, who regularly use mathematical symbols and other technical characters, will also find the Unicode Standard valuable.

The design of Unicode is based on the simplicity and consistency of ASCII, but goes far beyond ASCII's limited ability to encode only the Latin alphabet. The Unicode Standard provides the capacity to encode all of the characters used for the written languages of the world. It uses a default 16-bit encoding that provides code points for more than 65,000 characters. To keep character coding simple and efficient, the Unicode Standard assigns each character a unique numeric value and name.

While 65,000 characters are sufficient for encoding most of the many thousands of characters used in major languages of the world, the Unicode standard and ISO 10646 provide an extension mechanism called UTF-16 that allows for encoding as many as a million more characters, without use of complex modes or escape codes. This is sufficient for all known character encoding requirements, including full coverage of all historic scripts of the world.

Furthermore, the Unicode Standard includes:

- definitions of codes for characters used in the major languages written today
- punctuation marks, diacritics, mathematical symbols, technical symbols, arrows, dingbats, and so on.
- about 8,000 unused code values for future expansion in the basic 16-bit encoding, plus provision for another 917,476 code values through the UTF-16 extension mechanism
- definitions for case conversion of characters
- definitions for transformation formats UTF-8 and UTF-16

Introduction

z/OS V1R4 support for Unicode is based on Version 3.0 of the Unicode Standard. For further information on the standard and the Unicode® Consortium, go to the Web site at <http://www.unicode.org/>.

z/OS V1 R4 support for Unicode™

This release of z/OS support for Unicode offers character conversion, case conversion and normalization. Within character conversion, characters are converted from one coded character set identifier (CCSID) to another. Case conversion allows conversion to upper or lower case based on the files *UnicodeData.txt* and *SpecialCasing.txt* provided by the Unicode consortium. Normalization allows the decomposition or composition of Unicode encoding input to any of four normalization forms.

z/OS support for Unicode consists of two main components:

- the infrastructure which provides the conversion environment
- the conversion services which use the conversion environment

The conversion environment

The conversion services can only be used when the conversion environment is active. The infrastructure provides tools to create a conversion image. When the image is loaded into a common data space, the conversion environment is activated and the conversion services are ready to be used by callers.

The infrastructure

The infrastructure supplies all parts to customize and initialize the conversion services. The services are activated during IPL. All necessary resources are allocated and conversion tables are loaded into storage as defined in the conversion image. Changes to the conversion environment can be done with the **SET UNI** command. The changed version will become the active conversion environment and the previous version will be set to inactive. An inactive conversion environment can be deleted. Basically, the purpose of the infrastructure is to establish and maintain the conversion environment.

The user can specify the required conversions and control information in a text file. A program called 'image generator for z/OS support for Unicode' processes the text file and generates a conversion image containing all specified conversion tables. The image can be activated with the SET UNI command or with the next IPL.

The infrastructure also includes a **DISPLAY UNI** command to show the current status of the conversion environment or to check whether the conversion services are already enabled to the system.

IBM provides a library of conversion tables (see Appendix F, "Summary of IBM-supplied conversion tables" on page 115). The suffixes used for the conversion table names together with the corresponding CCSIDs are listed in Appendix G, "Summary of suffixes and CCSIDs" on page 337.

z/OS support for Unicode allows customers to add up to ten different user-defined conversion tables for conversions between the same pair of CCSIDs. Customers can also define new CCSIDs for their own purposes. These CCSIDs must not conflict with the predefined CCSIDs shipped with z/OS support for Unicode. See Chapter 6, "Defining CCSIDs and conversion tables" on page 63 for the definition of new CCSIDs.

The conversion services

The other major part of z/OS support for Unicode are the conversion services. They consist of a variety of conversion types and permit character conversion as well as case conversion for which the appropriate conversion tables were provided by the infrastructure.

Encoding schemes

A basic feature of a CCSID is its encoding scheme, which is uniquely identified by the encoding scheme identifier (ESID). In this document, the following names are used for the encoding schemes:

Table 1. Encoding schemes

Encoding scheme	ESID	Description
SBCS	x1xx	pure single-byte encoding
DBCS	x2xx	pure double-byte encoding
PC MBCS	2300, 3300	IBM-PC mixed single-byte and double-byte encoding with implicit code extension
PC Data Mixed	2A00	PC-Data mixed for GB 18030
PC Data QBCS	2900	4 bytes part PC-Data for GB 18030
EUC MBCS	4403	IBM EUC encoding
EBCDIC MBCS	1301	EBCDIC mixed single-byte and double-byte encoding using SI/SO code extension
ISO2022 MBCS	5404,5409,540A	ISO2022 TCP/IP encoding
UTF-8	7807	Unicode transformation format, 8-bit encoding form
UCS-2	7200	Universal character set coded in 2 octets (ISO/IEC 10646 encoding form)

For other encoding schemes, refer to *Character Data Representation Architecture Reference and Registry*, SC09-2190.

Code pages with a pure single-byte or pure double-byte encoding (SBCS, DBCS, and UCS-2) are called simple code pages. Codepages that consist of two or more sub code pages (PC MBCS, EUC MBCS, EBCDIC MBCS, and ISO2022 MBCS) are called mixed code pages.

UCS-2 may be encoded in big endian or in little endian format. z/OS support for Unicode however only handles the big endian form.

z/OS support for Unicode does not handle surrogate pairs except for conversions from and to UTF-8. The Unicode encoding is described by different CCSIDs that describe different versions of the Unicode Standard. z/OS support for Unicode interprets CCSID 1200 as described in the document *Character Data Representation Architecture Reference and Registry* that is the highest available version of the Unicode Standard.

Character conversion

z/OS support for Unicode provides direct conversion between character streams that are encoded with CCSIDs listed in Appendix F, “Summary of IBM-supplied conversion tables” on page 115. Character conversion is also called ‘conversion between specified CCSIDs’. The following CCSID conversions types are supported

Introduction

for direct conversions:

Table 2. CCSID conversions types of z/OS support for Unicode

SBCS	↔	SBCS, DBCS
DBCS	↔	SBCS, DBCS
PC MBCS	↔	DBCS
EUC MBCS	↔	DBCS
EBCDIC MBCS	↔	DBCS
ISO2022 MBCS	↔	DBCS
UTF-8	↔	UCS-2
QBCS	↔	DBCS

For an explanation of the terms, please refer to “Glossary of terms and abbreviations” on page 371.

For character conversion, the conversion services are called using a stub routine named **CUNLCNV**. z/OS support for Unicode must be called in primary mode.

Besides the direct conversions, there exists also an ‘indirect conversion’ where any CCSID can be converted into another by using the intermediate CCSID 1200. The indirect conversion with CCSID 1200 is automatically used by z/OS support for Unicode , if there is no table available for direct conversions between FROM-CCSID and TO-CCSID, but if there are tables available from FROM-CCSID to CCSID 1200 and from CCSID 1200 to TO-CCSID.

The conversion of MBCS characters also uses several steps to complete the conversion. This is called ‘composite conversion’. A MBCS input data stream will be decomposed into SBCS and DBCS parts. The conversion services will automatically select a SBCS table for the SBCS data and a DBCS table for the DBCS data. There is no MBCS table provided by z/OS support for Unicode. You find a detailed description of the internal handling in Appendix B, “MBCS conversions” on page 79. An example and an illustration is included.

Case conversion

z/OS support for Unicode provides case conversions that allow to convert Unicode characters to their upper case equivalent or their lower case equivalent. For more details about the case mappings, refer to the tables provided by the Unicode Consortium.

For case conversion, the conversion services are called using a stub routine named **CUNLASE**. z/OS support for Unicode must be called in primary mode.

Normalization

z/OS support for Unicode provides support that allows the normalization (decomposition or composition) of Unicode characters to one of the normalization forms. For a detailed explanation of normalization, including specific information about the normalization forms, refer to The Technical Report #15 provided by the Unicode Consortium (<http://www.unicode.org/unicode/reports/tr15/>).

For normalization, the normalization service is called using a stub routine named **CUNLNORM**. z/OS support for Unicode must be called in primary mode.

National language support

z/OS support for Unicode provides a Japanese translation of its messages. For details see “MVS message service” on page 7.

Chapter 2. Setting up the system

This chapter describes how you set up the z/OS support for Unicode system.

Prerequisites

For getting information on the prerequisites of products and hardware, please refer to z/OS Planning for Installation, GA22-7504-03.

Downloading from the Web and installing with SMP/E

The code must be downloaded from the IBM Software download page (www.software.ibm.com/download). The installation of z/OS support for Unicode with SMP/E is described in z/OS Planning for Installation, GA22-7504-03. Please refer to this document to find a complete list of the necessary steps.

Steps after installation

Customizing jobs

z/OS support for Unicode provides two REXX execs to customize the provided jobs for your conversion environment. Use the execs like this:

- Use member CUNRUCST of data set \$LIB_HLQ\$.SCUNREXX. (\$LIB_HLQ\$ is the high level qualifier chosen at the SMP/E installation.)
- Fill in the required fields.
- If you are installing under SMS, the volume specification in the customization exec CUNRUCST will be ignored.
- Refer to "Sample for CUNRUCST Exec" on page 109 to find a sample of the exec.
- Concatenate \$LIB_HLQ\$.SCUNREXX to DD name SYSEXEC or SYSOPROC. (\$LIB_HLQ\$.SCUNREXX is the data set where the customization execs CUNRUCST and CUNRUALL reside.)
- Then enter in the command line:

```
CUNRUALL $LIB_HLQ$.SCUNJCL
```

The following output is shown:

```
Dataset name : UNI.SCUNJCL
Processing member : CUNJIMS1
Processing member : CUNJIMS2
:
: listing all the member names
:
Processing member : CUNJUREC
Processing member : CUNJUSMP
```

MVS message service

The steps described in this chapter have not to be performed if you want to display English Unicode messages with the standard date and time formats (e.g. 09/28/2000, 11.09.02). If your MVS installation provides MVS Message Service (MMS) this chapter explains the necessary steps for:

- displaying Japanese Unicode messages

Steps after installation

- displaying English Unicode messages with modified date and time formats.

z/OS support for Unicode provides a Japanese translation of its messages.

The MVS Message Service (MMS) is needed for displaying translated messages on the screen. In order to activate the MMS, you must create a MMS VSAM data set and a parmlib member MMSLSTxx.

Creating a MMS VSAM data set

- You need to run two jobs (CUNJIMS1 and CUNJIMS2) for each language:

Table 3. Description of jobs for MMS

Name of job	Description	Return codes	Meaning
CUNJIMS1	allocates MMS VSAM data set	0	job successfully completed
CUNJIMS2	converts the message skeleton of an install message file into a run-time message file	0	job successfully completed
		4	Process complete. Run-time message file is complete but the compiler generated warnings.
		8	Processing is complete. The run-time message file is usable but incomplete.
		12	Processing ended prematurely. The run-time message file is unusable.
			For return codes 4, 8, and 12: Look to your message skeleton and remove the error which is described in the compile listing.

The NLS skeleton is a message skeleton which is the input for the MMS VSAM data set. There is one skeleton for English and one for Japanese. The English message skeleton is named CUNIINENU and the Japanese skeleton is named CUNIIJPN. Both can be found in \$CUN_MSG_DS\$. For more information refer to *z/OS MVS Planning: Operations*, SA22-7601 and go to chapter "Routing Commands / Handling Translated Messages".

- These are the jobs for creating the environment for English messages.:

job CUNJIMS1

```
//$JOBPREF$$JOBNAME$ JOB ($ACCOUNT$),'$USER$',NOTIFY=$NOTIFY$,  
// MSGCLASS=$MC$,MSGLEVEL=$ML$,TIME=$TI$,CLASS=$CL$,  
// REGION=$REGION8M$  
//DEFINENU EXEC PGM=IDCAMS  
//SYSPRINT DD   SYSOUT=*<br/>  
//SMSFMC   DD   UNIT=SYSDA,VOL=SER=UNISMS,DISP=OLD  
//SYSIN   DD   *  
      DEFINE CLUSTER  (NAME($CUN_MMS_DATASET$) -  
                         VOLUMES(UNISMS) -  
                         CYL(1 1) -  
                         SHAREOPTIONS(1,3) -  
                         LINEAR) -  
                         DATA    (NAME($CUN_MMS_DATASET$.DATA))  
/*
```

job CUNJIMS2

```

//$JOBREF$$JOBNAME$ JOB ($ACCOUNT$),'$USER$',NOTIFY=$NOTIFY$,
// MSGCLASS=$MC$,MSGLEVEL=$ML$,TIME=$TI$,CLASS=$CL$,
// REGION=$REGION8M$
//COPYENU EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//IN DD DISP=SHR,DSN=$CUN_MSG_DS$
//OUT DD DISP=(NEW,PASS),
// UNIT=VIO,SPACE=(CYL,(10,10,10)),
// DCB=(RECFM=VB,LRECL=259,BLKSIZE=27998)
//SYSIN DD *
    COPY OUTDD=OUT,INDD=IN
    SELECT MEMBER=(CUNIILENU)
/*
/*
//COMPENU EXEC PGM=CNLCCPLR,PARM=(ENU,N)
//SYSPRINT DD SYSOUT=*
//SYSUT1 DD DISP=(OLD,DELETE),DSN=*.COPYENU.OUT
//SYSUT2 DD DISP=OLD,DSN=$CUN_MMS_DATASET$
```

- Now run the jobs. Return codes are listed in Table 3 on page 8.

Creating the parmlib member MMSLSTxx

English messages: For the english messages, you need a parmlib member called MMSLSTxx with the following input:

```

/*****
/*
/*          Parmlib Member for MVS Message Service
/*
/*****
*/*****
```

DEFAULTS LANGCODE(ENU)
LANGUAGE LANGCODE(ENU) DSN(\$CUN_MMS_DATASET\$.DATA)
CONFIG(CNLENU00)
NAME(ENGLISH)

\$CUN_MMS_DATASET\$ is defined in the job CUNRUCST.

Activate member MMSLSTxx with the MVS system command SET MMS=xx or by specifying MMS(xx) on the INIT statement in parmlib member CONSOLExx.

Japanese messages: For displaying Japanese messages, you also need to establish the environment for English messages. For creating the environment of the Japanese messages, follow the instructions for creating the environment of the English messages and additionally note the following:

- in the job CUNJIMS2: change CUNIILENU to CUNIJPN and change the parameter for the program CNLCCPLR in the EXEC statement to PARM=(JPN,Y)
- change parmlib member MMSLSTxx to

```

/*****
/*
/*          Parmlib Member for MVS Message Service
/*
/*****
*/*****
```

DEFAULTS LANGCODE(JPN)
LANGUAGE LANGCODE(ENU) DSN(\$CUN_MMS_DATASET\$.DATA)
CONFIG(CNLENU00)

Steps after installation

```
NAME(ENGLISH)
LANGUAGE LANGCODE(JPN) DSN($CUN_MMS_DATASET$.DATA)
CONFIG(CNLJPN00)
NAME(JAPANESE)
```

3. Activate member MMSLSTxx with the MVS system command SET MMS=xx or by specifying MMS(xx) on the INIT statement in parmlib member CONSOLExx.

Chapter 3. Creating the conversion environment

This chapter describes all additional steps which must be carried out to create an active conversion environment. The steps are:

1. create a conversion image
 - a. select the conversions
 - b. specify the control statements
 - c. invoke the image generator
 - d. use the image generator listing
2. calculate the storage needed for a conversion image
3. create the parmlib member CUNUNIxx (parmlib member for activating a conversion environment)
4. edit IEASYSxx
5. initialize the conversion environment with IPL

Note: It is important to follow the steps in the given sequence to avoid problems while using z/OS support for Unicode!

Creating a conversion image

A conversion image is a single entity that holds all necessary information to support one callable services configuration. A conversion image is loaded into the system during IPL or SET UNI command processing. The basic layout of the conversion image is:

- image header
- control information
- case, character conversion and normalization tables
- image trailer

Multiple images can be kept in datasets. Using the the SET UNI command they can be used to replace the active image. A conversion image is built with a utility called 'image generator for z/OS support for Unicode' running as a batch job. The utility generates the image as a sequential data set which has the fixed block 80 format. Note that the image must be copied into SYS1.PARMLIB or any other data set in the logical parmlib concatenation before it can be used by IPL or the SET UNI command. The 'image generator for z/OS support for Unicode' is also referred to as the 'image generator'. The name of the batch job is CUNJIUTL and it is located in library SCUNJCL.

The image generator has the following input:

1. knowledge base (supplied by IBM): it describes the CCSIDs that are used in the control statements. The knowledge base is contained in module CUNMIKBS and loaded from SYS1.LINKLIB.
2. conversion tables (supplied by IBM): these are tables for character conversion. The image generator transforms the conversion tables into an internal format and stores them in the conversion image. A complete list of the conversion tables supplied by IBM is in Appendix F, "Summary of IBM-supplied conversion tables" on page 115. The image generator reads the required conversion tables from the //TABIN DD statement.
3. input control statements (supplied by IBM as samples and/or supplied by user): they describe which of the conversions are active in the conversion

Creating a conversion image

environment. The CCSIDs used in each input control statement must be defined in the knowledge base. For each pair of CCSIDs that describes a conversion, one or more conversion tables must exist (depending whether this is a simple or composite conversion. Also see Appendix B, "MBCS conversions" on page 79). Input control statements are supplied using the standard //SYSIN DD statement.

You may also have user-defined CCSIDs and conversion tables. For details see Chapter 6, "Defining CCSIDs and conversion tables" on page 63.

The image generator creates the following output:

- a single image of the entire conversion environment. The conversion image is built according to the specification in the SYSIN DD data set. Each required character conversion is described by a **CONVERSION** control statement. Case conversion can be requested using the **CASE** control statement, and normalization with the **NORMALIZE** control statement. The generated image is stored in the data set specified in the //SYSIMG DD statement.
- a listing on the //SYSPRINT DD statement that shows the processed steps and error messages if applicable. For a detailed description of the image generator listing see page 18.
- a return code (see "Image generator for z/OS support for Unicode™ – return codes" on page 107)

To create a conversion image, follow these steps (a – d):

(a) Select the conversions:

Before starting the image generator you have to decide which conversions are required in your particular installation. Basically there are three different conversion types:

1. case conversion for Unicode characters
2. character conversion between two different CCSIDs
3. normalizing a Unicode string

For the case conversion you can have the following conversion modes:

- **NORMAL** casing:
This means that one character is mapped to its upper/lower case using a one-to-one relationship as described in the file UnicodeData.txt. Characters that cannot be mapped one-to-one are copied to the output stream unchanged. Note also that locale specific casing is not supported with mode NORMAL. NORMAL is the preferred mode for converting English text.
- **SPECIAL** casing:
In addition to NORMAL casing locale independent special casing as listed in document SpecialCasing.txt is performed. This can be unconditional special casing (e.g. 'German Small Letter Sharp s' = '00DF'X uppercases to 2 characters of 'Capital Letter S' = '00530053'X.) or conditional special casing (e.g. 'Greek Capital Letter Sigma'='03A3'X lowercases to either 'Greek Small Sigma'='03C3'X when within a word or to 'Greek Small Final Sigma'='03C2'X when it is the last character of a word).
- **LOCALE** dependent casing:
In addition to SPECIAL casing locale dependent special casing as listed in document SpecialCasing.txt is performed (e.g. 'Capital Letter I' ='0049'X lowercases to 'Small Letter i'='0069'X when caller's language is NOT turkish, but lowercases to 'Small Letter Dotless i'=' 0131'X when caller's language is Turkish CUNBCPRM_Locale='tr...').

Note: Note that user-defined case conversions are not supported!

For the character conversions each CCSID pair between which you want to be able to convert using the conversion services has to be identified. However, there are different techniques to convert between two CCSIDs and you can specify your preferred technique(s):

Roundtrip conversion

Roundtrip conversions between two CCSIDs assure that all characters making the "roundtrip" arrive as they were originally.

Enforced Subset conversion

Enforced Subset conversions map only those characters from one CCSID to another which have a corresponding character in the second CCSID. All other characters are replaced by a substitution character.

Customized conversion

Customized conversions use conversion tables that have been created to address some special requirements. IBM's Globalization Center of Competency (GCoC) in Toronto, Canada can provide more information about these tables.

Language Environment-Behavior conversion

Language Environment-Behavior conversions use tables which map characters like the iconv() function of the Language Environment Runtime library does. These conversions differ from others primarily in their mapping of the EBCDIC newline (NL) character to ASCII and Unicode linefeed (LF).

Modified Language Environment-Behavior conversion

Modified Language Environment-Behavior conversions use tables which map characters like the iconv() function of the Language Environment Runtime library does for converters ending with "C" (for example IBM-932C).

User-defined conversions

User-defined conversions are supported, see Chapter 6, "Defining CCSIDs and conversion tables" on page 63.

For normalization services, no special mode is required. See "Control statement NORMALIZE" on page 17.

(b) Specify control statements:

There are three different control statements which can be specified in the //SYSIN DD statement of job CUNJIUTL:

- **CONVERSION** (for character conversion)
- **CASE** (for case conversion)
- **NORMALIZE** (for normalization)

Control statement CONVERSION

Control statement CONVERSION

Purpose

Each **CONVERSION** control statement defines exactly one conversion that should be generated in the conversion image. We call this a 'top-level conversion'.

Duplicate CONVERSION statements are ignored! It may happen, that the image generator uses more than 1 table to reflect the CONVERSION statement. This might be because a MBCS CCSID is involved or a particular conversion table needed was not found. In the case of MBCS involvement, the system implements a composite conversion with a set of sub-level conversions according to its knowledge base. In the case of missing conversion tables, an indirect conversion – using CCSID 1200 as the intermediate CCSID – is generated.

In general, a direct conversion is supported when:

- converting between any combination of SBCS and DBCS
- converting between MBCS and DBCS
- converting between UTF-8 and UCS-2

All other conversions will always be indirect conversions.

Format

```
►►CONVERSION—from-ccsid— , —to-ccsid— [ , technique-search-order] ; ►►
```

technique-search-order:



technique-character:



Notes:

- 1 *technique-search-order* can be up to 8 characters.

Parameters

from-ccsid

The value *from-ccsid* specifies the From-CCSID of the requested conversion. The From-CCSID is the CCSID converting from.

to-ccsid

The value *to-ccsid* specifies the To-CCSID of the requested conversion. The To-CCSID is the CCSID converting to.

technique-search-order

There may be multiple conversion tables available for converting one CCSID to another. A technique-search-order can be used to specify which table should be used. It consists of up to 8 *technique-characters*. If you specify more than one technique character, the image generator will try to find a matching table for the leftmost technique-character in the sequence of the *technique-search-order*. If not found, the search continues with the second one and so on. A blank character terminates the search. Especially for mixed conversion it is advisable to use more than one *technique-character* as one of the sub-conversions might exist only in round-trip mode and one only in enforced-subset. In this case, a technique-search-order of 'RE' or 'ER' would be required. *technique-search-order* is optional. If not specified, 'RECLM' is used.

Some of the tables were fixed for use with MBCS conversions. These tables have the internal technique 'X' and override tables with technique 'C', 'R', 'E'. Fixed tables for technique 'L' have the internal technique 'Y'. The image generator will first check for the existence of 'X' tables before searching for tables with technique 'C', 'R', 'E'. It also will first check for the existence of 'Y' tables before searching for tables with technique 'L'. The output of the image generator lists which table actually was selected. Technique characters 'X' and 'Y' cannot be specified by customers.

When calling the service, exactly the same character sequence as specified in the technique-search-order of the CONVERSION control statement must be specified in the CUNBCPRM_Technique field of the parameter area. If technique_search_order is omitted from the CONVERSION control statement, CUNBCPRM_technique in the parameter area must be specified as blanks.

technique-character

Possible values for *technique-character* are:

- R: Roundtrip
- E: Enforced Subset
- C: Customized Subset
- L: Language Environment Behaviour
- M: Modified Language Environment Behaviour
- 0 – 9: User-defined conversions

Some special considerations about CCSID 1200: If CCSID 1200 is specified the CCSID of the most recent UCS-2 version is substituted and all *technique-characters* are tested. Then the second recent UCS-2 version is substituted and so on. The supported UCS-2 CCSIDs are:

- | • 21680 (UCS-2 V3.1)
- | • 17584 (UCS-2 V3)
- | • 13488 (UCS-2 V2)

Here are some examples of valid CONVERSION statements:

```
CONVERSION 850,037;      /* technique-search-order omitted, use RECLM */
CONVERSION 850,037,;     /* duplicate, this line will be ignored */
CONVERSION 850,037,R;    /* will use Roundtrip */
CONVERSION 933,13488,RE; /* will search fixed 'X' tables, Roundtrip, then */
                         /* Enforced Subset */
```

Control statement CASE

Control statement CASE

Purpose

The **CASE** control statement selects the case conversions that should be generated in the conversion image.

Format

►►CASE—*mode*—►►

mode:



Parameters

mode *mode* specifies the case conversion mode to be supported. The following modes are supported:

- NORMAL - basic casing, preferred mode for English text
- SPECIAL - includes normal casing, adds locale independent special casing
- LOCALE - includes special casing, adds locale dependent special casing

Examples

Here is an example of a valid CASE statement:

```
CASE NORMAL;          /* normal casing requested */  
CASE NORMAL;          /* Duplicate CASE statements are ignored */  
CASE LOCALE;          /* locale dependent special casing */
```

Control statement NORMALIZE

Purpose

The **NORMALIZE** control statement loads the normalization tables in the conversion image.

Format

►►NORMALIZE—►►

Parameters

None

Examples

Here is an example of a valid NORMALIZE statement:

```
NORMALIZE;          /* normalization requested */  
NORMALIZE;          /* Duplicate NORMALIZE statements are ignored */
```

Image generator

Image generator

Once you have selected the conversions and specified the control statements, you can continue creating the conversion image by invoking the image generator and using the image generator listing.

(c) Invoke the image generator:

Invoke the image generator for z/OS support for Unicode. Member CUNJIUTL in library SCUNJCL contains the JCL to invoke the image generator:

```
//UNIUTL JOB (DE03235),'UNICODE-INST',NOTIFY=&SYSUID,  
//      MSGCLASS=X,MSGLEVEL=(1,1),TIME=60,CLASS=A,  
//      REGION=0M  
//CUNMIUTL EXEC PGM=CUNMIUTL  
//SYSPRINT DD  SYSOUT=*<br/>  
//SYSUDUMP DD  SYSOUT=*<br/>  
//** SYSIMG must be a FB 80 dataset *****  
//SYSIMG   DD  DSN=UNI.IMAGES(CUNIMG01),DISP=SHR  
//TABIN    DD  DISP=SHR,DSN=UNI.SCUNTBL  
//SYSIN    DD  *  
  
*****  
/* example of input statements */  
*****  
CONVERSION 850,      /* ASCII */  
           1047,      /* EBCDIC */  
           RE;        /* TECHNIQUE-SEARCH-ORDER */  
  
/*
```

(d) Use the image generator listing:

The sample JCL from step (1c) produces the following listing on the //SYSPRINT DD:

```

image generator listing

CUN1000I z/OS SUPPORT FOR UNICODE VERSION 1.4
CUN1001I PROCESSING STARTED ON 09/15/2001 AT 17:36:36

Source Listing -----1-----2-----3-----4-----5-----6-----
1
2   ****
3   /* EXAMPLE OF INPUT STATEMENTS */
4   ****
5   CONVERSION 850,      /* ASCII */
6           1047,    /* EBCDIC */
7   RE;      /* TECHNIQUE-SEARCH-ORDER */
8

Statement Report -----1-----2-----3-----4-----5-----6-----
1   CONVERSION 850,1047,RE;
   /* 00850-01047-R           using CUNREBMO */

CUN1014I INPUT READ          8 RECORDS
CUN1015I STATEMENTS PROCESSED 1
CUN1016I STATEMENTS FLAGGED   0
CUN1017I GENERATED IMAGE SIZE 3 PAGES
CUN1002I PROCESSING ENDED. HIGHEST RETURN CODE WAS  0

```

The listing can be divided into four sections:

1. the identification section; it shows the product version and when the job was started
2. the source listing; it repeats the data from //SYSIN DD exactly as entered
3. the statement report; it shows the recognized statements and how they were resolved
4. the statistic section; it gives an overview of the complete process

The following paragraphs show how the listing can be used to manage the generated images.

1. The identification section

If you have already generated a lot of images and keep them in datasets, it might be of interest to match an image generator listing with an existing image. For this reason there is a readable time stamp in the first record of the image. This time stamp matches the time stamp on message CUN1001I.

2. The source listing

Especially when concatenated datasets are used on the //SYSIN DD statement, it is important to check which control statements were provided in the input stream. The source listing shows exactly what was read from //SYSIN DD and the number that is assigned to each input record.

3. The statement report

In the statement report you can see what the image generator has 'understood' from the provided input. All comments, blanks, and line breaks have been removed. Each recognized statement is printed in a normalized form and a statement number is assigned. Comments are inserted after the statement to explain what was generated by the system.

Image generator

statement report in image generator listing

```
...
Statement Report --+---1---+---2---+---3---+---4---+---5---+---6---+
 1  CONVERSION 933,1200,RE;
    /* 00933-01200-RE                               */
    /* 00833-01200-R      using CUNRDIPG */
    /* 00834-01200-R      using CUNRDMPG */
...
```

The left hand side in the comment shows a hierarchy of the top-level and sub-level conversions. The right hand side shows the name of the tables used.

4. The statistics sections

The most important information from the statistic section is the return code. If the return code is 0, processing was successful from the technical point of view. You should always check the statement report carefully to ensure the generated image contains the necessary tables and correct CCSIDs.

Error situations: The following paragraphs show how the listing can be used in error situations:

1. Environmental errors:

Before the 'real' processing starts all the required resources are checked and allocated. When errors occur in that phase no source listing and no statement report are generated. The identification and statistic sections are printed. No image is generated. A listing with an environmental error might look like this:

image generator listing with environmental error

```
CUN1000I z/OS SUPPORT FOR UNICODE VERSION 1.4
CUN1001I PROCESSING STARTED ON 09/15/2001 AT 16:37:37

CUN1007E ERROR OCCURRED OBTAINING TEMPORARY WORK STORAGE RC=00000004

CUN1014I INPUT READ          0 RECORDS
CUN1015I STATEMENTS PROCESSED 0
CUN1016I STATEMENTS FLAGGED   0
CUN1017I GENERATED IMAGE SIZE 0 PAGES
CUN1002I PROCESSING ENDED. HIGHEST RETURN CODE WAS 12
```

2. Syntactical errors:

Once the initialization phase has successfully been executed the input stream is read from //SYSIN DD and the source listing is produced. The input stream then is parsed for syntactical errors. The values of the parameters are not checked at this point. Syntactical errors are for instance:

- unrecognized statement keywords
- missing/excessive parameters

- missing/excessive commas or semicolons

The statement report is not printed. No image is generated. A listing with a syntactical error might look like this:

image generator listing with semantical error

```
CUN1000I z/OS SUPPORT FOR UNICODE VERSION 1.4
CUN1001I PROCESSING STARTED ON 09/15/2001 AT 17:36:36

Source Listing -----1----2----3----4----5----6----+
1
2      ****
3      /* EXAMPLE OF INPUT STATEMENTS */
4      ****
5      CONVERSION 850;      /* ASCII */
6          1047,      /* EBCDIC */
7          RE;      /* TECHNIQUE-SEARCH-ORDER */
8
CUN4005E MANDATORY PARAMETER(S) MISSING FOR STATEMENT 'CONVERSION' IN LINE 5
CUN4001E INVALID STATEMENT '1047' IN LINE 6

CUN1014I INPUT READ           8 RECORDS
CUN1015I STATEMENTS PROCESSED  0
CUN1016I STATEMENTS FLAGGED   0
CUN1017I GENERATED IMAGE SIZE  0 PAGES
CUN1002I PROCESSING ENDED. HIGHEST RETURN CODE WAS  8
```

3. Semantical errors:

When the syntax of a statement is correct the specified parameters are checked for reasonable values. Semantical errors are for instance:

- CCSIDs out of range
- invalid *technique-characters*
- invalid case conversion modes
- conversion table not found

The statement is printed in the statement report followed by the error messages issued. No image is generated. A listing with a semantical error might look like this:

Image generator

image generator listing with syntactical error

```
CUN1000I z/OS SUPPORT FOR UNICODE VERSION 1.4
CUN1001I PROCESSING STARTED ON 09/18/2000 AT 10:47:47
```

```
Source Listing -----1-----2-----3-----4-----5-----6-----
```

```
1      ****
2      /* EXAMPLE OF INPUT STATEMENTS */
3      ****
4      CONVERSION 85000,    /* ASCII */
5          1047,    /* EBCDIC */
6          RE;     /* TECHNIQUE-SEARCH-ORDER */
7
8
```

```
Statement Report -----1-----2-----3-----4-----5-----6-----
```

```
1      CONVERSION 85000,1047,RE;
CUN1023E ERROR DURING CCSID VALIDATION. INVALID CCSID '85000'
```

```
CUN1014I INPUT READ           8 RECORDS
CUN1015I STATEMENTS PROCESSED  1
CUN1016I STATEMENTS FLAGGED   1
CUN1017I GENERATED IMAGE SIZE 0 PAGES
CUN1002I PROCESSING ENDED. HIGHEST RETURN CODE WAS 8
```

After generating the conversion image, copy it to SYS1.PARMLIB or any other data set in the logical parmlib concatenation.

After completing the steps **a** to **d**, continue with:

- Calculating the main storage required for a conversion image on page 22
- Creating parmlib member CUNUNIx (parmlib member for activating a new conversion environment) on page 24
- Editing IEASYSxx on page 26
- Initializing the conversion environment on page 27

Calculating the main storage required for a conversion image

Following are the steps you need to perform to calculate the main storage needed for a conversion image.

Estimating the size of an image based on planned conversions

To estimate the size of main memory an image would require depending on its set of conversions, use the following rule of thumb:

- For conversion tables, use the size in the following tables:

Table 4. Main storage needed for conversions of type SBCS and DBCS

conversion type	size of storage
SBCS→SBCS	0.25KB
SBCS→DBCS	0.50KB
DBCS→SBCS	64.00KB

Calculating the storage for a conversion image

Table 4. Main storage needed for conversions of type SBCS and DBCS (continued)

conversion type	size of storage
DBCS→DBCS	128.00KB
QBCS→DBCS	128.00KB
DBCS→QBCS	162.00KB

The sizing in the following table is based on the assumption that the MBCS CCSID consists of one SBCS and one DBCS codepage.

Table 5. Main storage needed for conversions of type MBCS

conversion type	size of storage
MBCS→SBCS direct	64KB
MBCS→SBCS via 1200	192KB
MBCS→DBCS direct	128KB
MBCS→DBCS via 1200	256KB
MBCS→MBCS via 1200	320KB
GB18030 MBCS→DBCS	257KB
DBCS→GB18030 MBCS	291KB

If a MBCS CCSID is composed differently, break it into its sub-CCSIDs (see “Summary of CCSIDs used in MBCS conversions” on page 81) and calculate the size for each part separately according to Table 4 on page 22.

- Add for any type of case conversion 256 KB for the main casing tables. As soon as any of the types SPECIAL or LOCALE casing are used, then add once 58 KB for additionally needed tables.
- For the case conversion statement add 0.25 KB for control structures. For indirect and composite conversions add also 0.25 KB for the control structures of each sub-level conversion.
- For the normalization statement add 565 KB, which is the total size of the tables needed for normalization as shown in Appendix F.

After the image was generated look for message CUN1017I in the listing of the image generator. It shows exactly the number of pages the image requires in main storage.

Note: Due to some overhead, the image stored on DASD occupies about 1.13 times the size.

Determining the size of an image from an existing member

The size of an image stored in a data set is different than when it is loaded in main storage. You can calculate the amount of main storage required after loading as follows:

- load the image in the VIEW ENTRY PANEL from ISPF
- go to the last line
- multiply the last line number with 71 and divide it by 4096
- ignore the decimal places
- the result is the number of pages needed for that image

Calculating the storage for a conversion image

Determining the size of the active image

To get information on the size of the active image loaded to the conversion environment, use the DISPLAY UNI command. Enter
DISPLAY UNI,STORAGE

and check the command output on section STORAGE. The output looks like:

```
CUN3000I 09.39.07 UNI DISPLAY 476
  STORAGE: ACTIVE      566 PAGES
            LIMIT     123456 PAGES
```

The size of the active image in pages is found behind the ACTIVE parameter. In this example 339 pages are used.

Determining the value for REALSTORAGE parameter

The REALSTORAGE parameter was introduced to protect the z/OS system against main storage shortage, caused by loading a conversion image which exceeds the amount of available storage. The storage occupied by the image (active and inactive) is fixed in memory. To control the real storage usage, the loading of a new conversion image will be rejected when the value of the REALSTORAGE keyword is lower than the amount of storage needed for the complete environment.

The minimum value for the REALSTORAGE parameter depends on how the image is activated:

- using IPL:
The storage needed is the size of the image plus 1 page.
- using the SET UNI command (parmlib member with keyword IMAGE):
The storage needed is the size of the currently active image plus the size of the new conversion image.

This value is the smallest value which can be specified for the REALSTORAGE parameter. It is not possible to load the image and specify a smaller value. But using the minimum value might cause that a new value has to be determined everytime a new image is to be used. Therefore it might be useful to specify a higher value, if the higher usage of the real storage can be tolerated. Consider that the maximum allocation only occurs after a new conversion image is loaded and two environments are established. To analyze the impact to your system, monitor the paging activity. After determining a suitable value, consider to use it in all parmlib members with keyword IMAGE on one system to ensure the protection.

The storage allocated by the inactive environment can be freed by deleting it. See “Parmlib member for deleting an inactive conversion environment” on page 26 for a description on how to delete an inactive conversion environment.

Creating parmlib member CUNUNIx

Create a parmlib member in SYS1.PARMLIB or another data set in the logical parmlib concatenation named CUNUNIx. 'xx' can be any two alphanumeric characters ('A'-Z', '0'-9', @, #, and \$).

You can create two different types of parmlib members:

- a parmlib member for activating a conversion environment
- a parmlib member for deleting an inactive conversion environment

Parmlib member for activating a conversion environment

If a new conversion environment is to be activated, you need to create a parmlib member with the both keywords IMAGE and REALSTORAGE.

Keyword IMAGE

Purpose

This a required keyword and can only be specified once. The keyword IMAGE identifies the name of the conversion image to be selected. This image must be present in SYS1.PARMLIB or any other data set in the logical parmlib concatenation.

Note: It is highly recommended to establish a logical parmlib concatenation to separate conversion images from the other control members in SYS1.PARMLIB. For detailed information, see *z/OS MVS Initialization and Tuning Reference*, SA22-7591, chapter 'Description and Use of the Parmlib Concatenation'.

Format

►►—IMAGE—*member*—;—►►

Parameters

member

This is a required parameter. *member* is the name of the conversion image. The valid range is any valid z/OS member name. There is no default value.

Examples

Here is an example of a statement with keyword IMAGE:

IMAGE CUNUNI01;

Keyword REALSTORAGE

Purpose

This is a required keyword. It can only be specified once and must be used in combination with keyword IMAGE. The REALSTORAGE keyword defines an upper storage limit for pages to be used by conversion images. For further information, see "Determining the value for REALSTORAGE parameter" on page 24.

Note: Loading a new conversion environment will be rejected when the value of the REALSTORAGE keyword is lower than the amount of storage needed.

Format

►►—REALSTORAGE—*nnn*—;—►►

Parameters

nnn

This is a required parameter. *nnn* is the maximum amount of pages which can be used by conversion images. The valid range is 0 to 524287. The selection of '0' results in no limit (=524287). There is no default value.

Creating parmlib members CUNUNIXxx

Examples

Here are some examples of statements with keyword REALSTORAGE:

```
REALSTORAGE 0; /* no explicit limit */
REALSTORAGE 12800; /* 50 MB limit */
```

For a sample of a parmlib member with keywords IMAGE and REALSTORAGE refer to “Samples for parmlib member CUNUNIXxx” on page 109. You find information on how to activate a new conversion environment in “Creating and activating a new conversion environment” on page 29.

Parmlib member for deleting an inactive conversion environment

If you want to delete an inactive conversion environment, you need to create a parmlib member with the keyword DELETE.

Keyword DELETE

Purpose

This is a required keyword and can only be specified once. The keywords DELETE and IMAGE cannot be specified in the same member. Keyword DELETE is provided to delete an inactive, unused conversion environment.

Format

```
►►DELETE—mode—;—►►
```

mode:

```
|—INACTIVE—|
```

Parameters

mode

This is a required parameter. The string literal ‘INACTIVE’ must be specified. There is no default value.

Examples

Here is the only valid statement with keyword DELETE:

```
DELETE INACTIVE;
```

For a sample of a parmlib member with keyword DELETE refer to “Samples for parmlib member CUNUNIXxx” on page 109. You find information on how to delete an inactive conversion environment in “Deleting an inactive conversion environment” on page 30.

Editing IEASYSxx

Now edit IEASYSxx like this

1. Add parameter UNI to IEASYSxx

```
►►UNI=—xx—
      | , |
      ( —xx— )
```

This parameter specifies one or more CUNUNIXxx parmlib members that contain the keywords which configure the conversion environment.

Each suffix 'xx' identifies one CUNUNIxx member in the parmlib concatenation. Valid values are: A-Z, 0-9, @, #, or \$. There is no default value.

If several parmlib members are specified, they are concatenated in the specified sequence. The concatenated contents is handled internally as a single member. This means that the lines are numbered consecutively and error messages about syntax errors refer to the concatenated text. Restrictions for keywords (like can only occur one) apply for the whole concatenated text.

2. Check parameter MAXCAD in IEASYSxx, it limits the amount of common data spaces in a system. If MAXCAD is specified, consider that z/OS support for Unicode creates up to two common data spaces, UNICODE1 and UNICODE2. Further information can be found under "Message CUN2011E" on page 71.

Initializing the conversion environment

After completing the steps described in Chapter 2, "Setting up the system" on page 7 and Chapter 3, "Creating the conversion environment" on page 11, an IPL is required to initialize the conversion environment.

Initializing the conversion environment

Chapter 4. Changing the conversion environment

The conversion environment is changed when:

- a new conversion environment is created and activated or
- an inactive conversion environment is deleted

Creating and activating a new conversion environment

1. Create a new conversion environment: The first step to make a new conversion environment available is to create a new conversion image. How to create a new conversion image is described in “Creating a conversion image” on page 11.

2. Activate the new conversion environment: The second step is to activate the new conversion environment by loading the new conversion image into storage using the SET UNI command. The changes to the conversion environment can be verified with the DISPLAY UNI command. Detailed information on both commands are to be found in Appendix A, “Commands” on page 73.

With the SET UNI command, the changes to the conversion environment are immediately active (dynamic changes).

1. Check the current status of the conversion environment. Enter

```
DISPLAY UNI,ALL
```

2. Create a conversion image and place it in in SYS1.PARMLIB or any other data set of the logical parmlib concatenation. See “Creating a conversion image” on page 11 for more information.
3. Create a member in SYS1.PARMLIB or any other data set of the logical parmlib concatenation. This member specifies the appropriate conversion image (keyword IMAGE) and defines the limit of pages (keyword REALSTORAGE). See “Creating parmlib member CUNUNIx” on page 24 for more information.
4. Issue the command

```
SET UNI=xx
```

where xx is the suffix of the parmlib member mentioned in the previous step.

5. Verify the changes with the DISPLAY UNI command. Enter

```
DISPLAY UNI,ALL
```

6. The conversion environment is changed permanently with setting the UNI=xx entry in IEASYSxx which is evaluated during IPL. For further information on IEASYSxx, see “Editing IEASYSxx” on page 26.

Note: If step 6 is omitted, your changes are gone with the next IPL.

If a new conversion image is loaded with the SET UNI command, the old image is preserved and flagged as inactive. Then a new conversion environment is created and set ‘active’.

The system maintains only one active and one inactive environment. A new environment can only be established, when no inactive environment exists.

Changing the conversion environment

Therefore if the SET UNI command finds an already existing inactive environment, it deletes it as described in “Deleting an inactive conversion environment”. If the inactive environment cannot be deleted, the command terminates. Simultaneously running conversion requests can be completed without interruption. It is recommended to delete the inactive conversion environment and free the allocated resources after a certain period of time (see next chapter).

Preserving the previously active environment allows to load new definitions into the z/OS Support for Unicode workspace, even when conversion requests are running.

Deleting an inactive conversion environment

There are two triggers to delete an inactive conversion environment:

1. implicitly by processing a parmlib member with keyword IMAGE
2. explicitly by processing a parmlib member with keyword DELETE.

When deleting an inactive conversion environment the critical cases of long running conversion services calls have to be considered. These calls can continue the conversions without interruption because they can still access the original conversion image now set to inactive. This inactive conversion environment should only be deleted when it is no longer used, that means when all calls are finished. New conversion requests are not critical, they are rejected until the new conversion environment is activated.

The DISPLAY UNI command shows the date and time, when the conversion environment was set inactive. Enter the command:

```
DISPLAY UNI,ENV,STOR
```

It shows the following output:

```
CUN3000I 09.48.18 UNI DISPLAY 537
    ENVIRONMENT: CREATED      10/24/2000 AT 15.52.47
                  MODIFIED      10/25/2000 AT 09.29.45
                  IMAGE CREATED 10/25/2000 AT 09.27.31
    STORAGE: ACTIVE      566 PAGES
                  INACTIVE     484 PAGES SINCE 10/25/2000 AT 09.29.45
                  LIMIT        123456 PAGES
```

Check the ENVIRONMENT section to get information about the last changes to the conversion environments. MODIFIED means that a new conversion environment was activated. In the STORAGE section, the parameter INACTIVE shows the time stamp when the old conversion environment was set inactive. Normally MODIFIED and INACTIVE have the same time stamps because these processes run synchronously.

Two hours after the change of the environment, you can be sure that the inactive conversion environment is not used any more. Then the inactive conversion environment can be deleted to free the allocated resources (the pages fixed in storage).

You can delete the inactive conversion environment as follows:

1. create a parmlib member specifying the keyword DELETE INACTIVE. The parmlib member must be named CUNUNIx. Refer to “Parmlib member for deleting an inactive conversion environment” on page 26 and “Samples for parmlib member CUNUNIx” on page 109 for more information.

Changing the conversion environment

Restriction: No keyword can be specified in this member..

2. issue a SET UNI=xx command, where xx are two alphanumeric characters indicating the CUNUNIx_x parmlib member created in the previous step.
3. The message CUN2036 is issued:

```
*11 CUN2036I INACTIVE CONVERSION ENVIRONMENT (UNICODE2)  
WILL BE DELETED.
```

```
ARE YOU SURE? (Y/N)
```

Confirm the deletion.

4. verify the result by using the DISPLAY UNI,ENV,STOR command. In section STORAGE of the command output, no INACTIVE parameter should be displayed.

Refer to Appendix A, “Commands” on page 73 for detailed information on the commands.

Chapter 5. Converting data

Programming Interface information

This chapter describes the programming required to convert data.

Character conversion

The character conversion is also referred to as 'conversion between specified CCSIDs'. The character conversion services are called using a stub routine named **CUNLCNV**. It converts a string of text characters between the specified code pages given as CCSIDs. It works for all character conversions that have an UCCE (Unicode character conversion control entry) which is built during IPL and may be changed by a SET UNI command.

Character conversion must be activated by specifying the CONVERSION control statement in the input data set for the image generator (job CUNJIUTL). For detailed information see "Creating a conversion image" on page 11 and "Control statement CONVERSION" on page 14.

The CCSID is defined as a 32-bit binary integer where numbers below X'DFFF' represent standard CCSIDs (see the document *Character Data Representation Architecture Reference and Registry*, SC09-2190). Range from X'E000' to X'EFFF' may be used for user-defined CCSIDs. Values from X'F000' to X'FFFF' are reserved for special purposes.

All data is expected to be in big endian encoding. Conversion from and to little endian encoding has to be done outside the z/OS support for Unicode. See "Glossary of terms and abbreviations" on page 371 for an explanation of the *Endian* format.

Instead of the CCSIDs, a handle to the UCCE can be given as input. This is always possible after the first call because the handle of the UCCE that was used is returned. This helps speeding up the conversion because the code needed to locate the conversion table has to be executed only in the first call.

Note: All indirect conversion services require a work buffer to be provided by the caller of the services. Caller allocation of the work buffer eliminates the need for the services themselves to be concerned with memory management (and cleanup on failure). To hold at least one Unicode character the length of the work buffer in bytes must be at least 2. For optimal performance it should be not less than two times the number of characters in the source string.

Calling the character conversion services

This is a general description of how the character conversion services have to be called and what critical cases can occur. The call syntax is described in "Using the C interface" on page 35 and "Using the HLASM interface" on page 37. The mapping of the parameters is in "Mapping of parameters in C" on page 36 and "Mapping of parameters and UCCE handle in HLASM" on page 38. The parameters are explained in "Description of parameters in area CUNBCPRM" on page 40. For a list of the return and reason codes, see Table 16 on page 104.

The character conversion services convert data between any CCSID types as described in Table 2 on page 4.

Calling the character conversion services

The caller of the conversion services must provide the following fields in the parameter area:

- source buffer pointer, ALET, and length
- target buffer pointer, ALET, and length
- From-CCSID (or conversion handle in subsequent calls)
- To-CCSID (or conversion handle in subsequent calls)
- work buffer pointer, ALET, and length (only for two-step conversions - see below)
- dynamic data area pointer (DDA), ALET, and length (see below)
- flags

From the caller's perspective, conversions are always done with a single call to the conversion services. However internally, conversions between

- a mixed code page, and anything other than simple code pages
- UTF-8 and anything other than UCS-2

are done in two steps. Two step conversions require that a work buffer be supplied by the caller. For coding simplicity, a caller may choose to always supply a work buffer (which will go unused for single-step conversions). Alternatively, if the caller knows that a particular conversion is "single-step", the work buffer need not be supplied.

The dynamic data area (DDA) is needed to make the service reentrant, and holds all the variables needed internally by the conversion service. The size of the DDA required depends on the type of conversion being done (source and target CCSIDs). The current minimum DDA size is 800 bytes, and the maximum is 3080 bytes, but the latter is subject to change in future releases as additional conversions are added.

There are two options for specifying DDA size:

1. The maximum DDA size required for any type of conversion may always be specified. This value (currently 3080) is defined by the constant CUNBCPRM_DDA_Req, and is subject to change in future releases, requiring a program recompile.
2. The minimum DDA size (defined by constant CUNBCPRM_DDA_Buf_Min) may initially be specified for all conversions. If this DDA size is not large enough to support the type of conversion specified by Src_CCSID and Trg_CCSID, the conversion services will return with a Return Code of "CUN_RC_USER_ERR" and Reason Code of "CUN_RS_DDA_BUF_SMALL", and will also return the DDA size required for the specified conversion in field "UCCE_DDA_BUF_LEN" of the UCCE handle.

Regardless of how the caller determines the DDA size, IBM recommends that the caller also provide code to recognize and react (by allocating a larger DDA buffer and recalling the service) to a "CUN_RS_DDA_BUF_SMALL" error.

When the service returns, it updates the source buffer and target buffer pointers, and lengths. Thus the callers can see how many bytes were converted and how much of the target buffer is filled up. Return codes and reason codes notify when a target buffer overflow was detected or any other critical case happened (see "Conversion services – return and reason codes" on page 103). Recommendations for the work buffer and target buffer sizes are listed in "Target buffer overflow" on page 59.

Calling the character conversion services

The source buffer may contain characters which have no equivalent in the To-CCSID. The user of the conversion services specifies the action to take on detection of such a character by the value of the input parameter bit 'CUNBCPRM_Sub_Action'. Depending on this input bit the conversion service either terminates conversion with reasoncode CUN_RS_SUB_ACT_TERM or it inserts the conversiontable's substitution character into the target buffer, sets bit CUNBCPRM_Substitution in the parameter list and continues conversion with the next character in the source buffer.

The source code page (From-CCSID), target code page (To-CCSID) and technique-search-order are given initially. A call with those specified always returns a conversion handle which – for the services – is a fast path to the conversion table and its properties. In subsequent calls, it is recommended to provide the conversion handle. If callers want to request the conversion handle without converting, they can do that by specifying a source buffer length of 0.

The caller can put the conversion data in any data space. To allow the conversion service to access the data, an ALET must be specified. An ALET of 0 indicates that the data is in the primary address space.

To indicate which code page was active at the end of conversions from and to mixed code pages, CUNBCPRM_Subcodepage is updated by the services. The same technique is used for designator sequences¹ used for some ISO 2022 encoding. For single shift sequences that apply only to one character following the shift sequence, the services do not stop between the shift sequence and the character it applies to.

For the internal handling of MBCS conversions, refer to Appendix B, “MBCS conversions” on page 79.

Restrictions for the calling environment

Table 6. Restrictions while calling the character conversion services

Property	Restriction
authorization	problem state or supervisor state, and any PSW key
dispatchable unit mode	task or SRB
cross memory mode	any PASN, any HASN, any SASN
amode	31-bit, prepared for 64-bit
ASC mode	called in primary mode but exploiting AR mode
interrupt status	enabled for I/O and external interrupts
locks	may be held by the caller, but is not required to hold any
control parameters	must be in the primary address space
recovery environment	provided exclusively by the caller of the conversion services

Using the C interface

This is the call syntax in C for calling the stub routine **CUNLCNV** (character conversion). The mapping of the parameter area supplied by the header file cunhc.h is listed in “Mapping of parameters in C” on page 36.

1. The term ‘designator sequence’ is explained in the “Glossary of terms and abbreviations” on page 371.

Using the C interface

```
#include<cunhc.h>
#define SLEN 1000
#define WLEN 1000
#define TLEN 4096
.....
unsigned char Sourcebuffer [SLEN ];
unsigned char Targetbuffer [TLEN ];
unsigned char Workbuffer [WLEN ];
unsigned char DDA [CUNBCPRM_DDA_REQ ];

CUNBCPRM myparm ={CUNBCPRM_DEFAULT};
myparm.Src_Buf_Ptr=Sourcebuffer;
myparm.Targ_Buf_Ptr=Targetbuffer;
myparm.Targ_Buf_Len=TLEN;
myparm.Src_Buf_Len=SLEN;
myparm.Src_CCSID=850;
myparm.Targ_CCSID=1047;
memcpy(myparm.Technique,"LMER",4);
myparm.Wrk_Buf_Ptr=Workbuffer;
myparm.Wrk_Buf_Len=WLEN;
myparm.DDA_Buf_Ptr=DDA;
myparm.DDA_Buf_Len=CUNBCPRM_DDA_REQ;
CUNLCNV ( & myparm );
if((myparm.Return_Code !=CUN_RC_OK).....
```

Mapping of parameters in C

A C header file is supplied (cunhc.h) which contains the function prototypes for the conversion services. The following structures used in the interface to the character conversion service show the parameter list (tagCUNBCPRM) and conversion handle within the parameter list (uccehdl):

```
typedef struct tagCUNBCPRM {
    long      Version;          /* Structure version number */
    long      Length;           /* Length of structure */
    long      Res1;             /* Reserved */
    void     * Src_Buf_Ptr;     /* Pointer to Source */
    unsigned long Src_Buf_ALET; /* ALET of source buffer */
    unsigned long Src_Buf_Len;  /* Length of source data */
    long      Res2;             /* Reserved */
    void     * Targ_Buf_Ptr;    /* Pointer to Target */
    unsigned long Targ_Buf_ALET; /* ALET of target buffer */
    unsigned long Targ_Buf_Len; /* Length of target buffer */
    char     Conv_Handle[64];   /* conversion handle */
    unsigned long Src_CCSID;    /* CCSID of source data */
    unsigned long Targ_CCSID;   /* CCSID of target data */
    char     Technique[8];      /* */
    long      Res4;             /* Reserved */
    void     * Wrk_Buf_Ptr;     /* Pointer to work buffer */
    unsigned long Wrk_Buf_ALET; /* ALET of work buffer */
    unsigned long Wrk_Buf_Len;  /* Length of work buffer */
    long      Res5;             /* Reserved */
    void     * DDA_Buf_Ptr;     /* Pointer to dynamic data area*/
    unsigned long DDA_Buf_ALET; /* ALET of DDA */
    unsigned long DDA_Buf_Len;  /* Length of DDA */
    unsigned char Flag1;        /* subcodepage to begin with */
    unsigned char Subcodepage;  /* */
    unsigned char Flag2;        /* */
    unsigned char Designator;   /* reserved for ISO 2022 */
    long      Return_Code;
    long      Reason_Code;
} CUNBCPRM;
```

Mapping of UCCE handle in C

The following structure is used as a reference to the character conversion service. This is a ReadOnly structure. You must only take values from here, and not pass values to Unicode through this structure.

```
typedef struct uccehdl{
    long UCCE_TIME;           /* Modification time stamp of UCCB      */
    long Res1;                /* Reserved for 64 bit                 */
    void * UCCE_UCCB_PTR;     /* Address of UCCB                     */
    long Res2;                /* Reserved for 64 bit                 */
    void * UCCE_UCCE_PTR;     /* Address of UCCE                     */
    long UCCE_UCCE_ALET;      /* ALET of UCCE                      */
    long UCCE_CONVERSION;    /* Conversion information             */
                               /* (for constants see CUNPIDFC)       */
    long UCCE_TAB_FIXED;      /* 0=table is pageable               */
                               /* 1=table is fixed                 */
    long UCCE_HW_PRESENT;    /* 0=Unicode hardware not present   */
                               /* 1=Unicode hardware present       */
    long UCCE_SUB_HANDLE;    /* 0=handle created via CUNPIHDL    */
                               /* 1=handle created by the service  */
    long UCCE_SRC_CCSID;     /* Source CCSID                      */
    long UCCE_TGT_CCSID;     /* Target CCSID                     */
    char UCCE_TECHNIQUE;    /* Technique search order            */
    long UCCE_SRC_WIDTH_MIN; /* Minimum source character width   */
    long UCCE_SRC_WIDTH_MAX; /* Maximum source character width   */
    long UCCE_TGT_WIDTH_MIN; /* Minimum target character width   */
    long UCCE_TGT_WIDTH_MAX; /* Maximum target character width   */
    long UCCE_DDA_BUF_LEN;   /* Required DDA buffer length       */
    long Res3;                /* Reserved                         */
};
```

Using the HLASM interface

This is the call syntax in HLASM for calling the stub routine **CUNLCNV** (character conversion). The mapping of the parameter area supplied by the interface definition file CUNBCIDF is listed in “Mapping of parameters and UCCE handle in HLASM” on page 38.

```
-----1-----2-----3-----4-----5-----6-----7--  

        GETMAIN .....          Obtain storage for parameter area  

*          in primary address space  

        LR    R4,R1              Save parameter area address  

        USING CUNBCPRM,R4        Make parameter area addressable  

        XC    CUNBCPRM,CUNBCPRM  Init PARAMETER AREA TO BINARY 0  

        LA    R15,CUNBCPRM_VER   Get Version  

        ST    R15,CUNBCPRM_VERSION Version Store to parameter area  

        LA    R15,CUNBCPRM_LEN   Initialize Length  

        ST    R15,CUNBCPRM_LENGTH Move to parameter area  

        MVC   CUNBCPRM_TECHNIQUE,=CL8' ' Take default technique  

        MVC   CUNBCPRM_SRC_CCSID,=FL4'1047' From CCSID  

        MVC   CUNBCPRM_TARG_CCSID,=FL4'13488' To CCSID  

*          Supply source buffer pointer, length and ALET.  

*          Supply target buffer pointer, length and ALET.  

*          Supply work buffer pointer, length and ALET. (Not required  

*          for a conversion from 1047 to 13488).  

*          Supply DDA buffer pointer, length and ALET.  

*          Note: A DDA is always required. The required DDA length is  

*          defined by constant CUNBCPRM_DDA_REQ.  

*          CALL  CUNLCNV,((R4))  Call stub routine with CUNBCPRM  

*                               address as argument.  

*          CUNBCIDF DSECT=YES   Provide Mappings (CUNBCPRM, return and  

*                               reason codes, constants for version  

*                               and length).
```

Mapping of parameters and UCCE handle in HLASM

Mapping of parameters and UCCE handle in HLASM

Table 7. Mapping of parameters in HLASM for character conversion

Offset Dec	Offset Hex	Type	Length in bytes	Boundary	Name	Description
0	(0)	UNSIGNED	4		CUNBCPRM_Version	Parameter area VERSION
4	(4)	UNSIGNED	4		CUNBCPRM_Length	Parameter area Length
8	(8)	CHARACTER	4		*	Reserved for 64 bit
12	(C)	ADDRESS	4		CUNBCPRM_Src_Buf_Ptr	Source buffer pointer
16	(10)	UNSIGNED	4		CUNBCPRM_Src_Buf_ALET	Source buffer ALET
20	(14)	UNSIGNED	4		CUNBCPRM_Src_Buf_Len	Source buffer length
24	(18)	CHARACTER	4		*	Reserved for 64 bit
28	(1C)	ADDRESS	4		CUNBCPRM_Targ_Buf_Ptr	Target buffer pointer
32	(20)	UNSIGNED	4		CUNBCPRM_Targ_Buf_ALET	Target buffer ALET
36	(24)	UNSIGNED	4		CUNBCPRM_Targ_Buf_Len	Target buffer length
40	(28)	CHARACTER	64	DWORD	CUNBCPRM_Conv_Handle	Conversion handle
104	(68)	CHARACTER	16	WORD	CUNBCPRM_Conv_Key	Conversion Key
104	(68)	UNSIGNED)	4		CUNBCPRM_Src_CCSID	Source CCSID (codepage)
108	(6C)	UNSIGNED	4		CUNBCPRM_Targ_CCSID	Target CCSID (codepage)
112	(70)	CHARACTER	8		CUNBCPRM_Technique	The CONVERSION TECHNIQUE is specified as input to the image generator
120	(78)	CHARACTER	4		*	Reserved for 64 bit
124	(7C)	ADDRESS	4		CUNBCPRM_Wrk_Buf_Ptr	Work buffer pointer
128	(80)	UNSIGNED	4		CUNBCPRM_Wrk_Buf_ALET	Work buffer ALET
132	(84)	UNSIGNED	4		CUNBCPRM_Wrk_Buf_Len	Work buffer length
136	(88)	CHARACTER	4		*	Reserved for 64 bit
140	(8C)	ADDRESS	4		CUNBCPRM_DDA_Buf_Ptr	Dynamic data area pointer
144	(90)	UNSIGNED	4		CUNBCPRM_DDA_Buf_ALET	Dynamic data area ALET
148	(94)	UNSIGNED	4		CUNBCPRM_DDA_Buf_Len	Dynamic data area length as defined by constant CUNBCPRM_DDA_Req

Mapping of parameters and UCCE handle in HLASM

Table 7. Mapping of parameters in HLASM for character conversion (continued)

Offset Dec	Offset Hex	Type	Length in bytes	Boundary	Name	Description
152	(98)	BITSTRING	1		CUNBCPRM_Flag1	FLAG Byte 1 set by caller
		1....			CUNBCPRM_Sub_Action	Sub action: 0=TERMINATE WITH ERROR. 1=Substitute AND CONT.
		.1...			CUNBCPRM_Inv_Handle	Invalid handle at start: 0=TERMINATE WITH ERROR 1=GET NEW HANDLE AND CONT.
153	(99)	UNSIGNED	1		CUNBCPRM_Subcodepage	Number of subcodepage(s)
		BITSTRING 1111			CUNBCPRM_Source SCP_Status	Source subcodepage status
		BITSTRING 1111			CUNBCPRM_Target SCP_Status	Target subcodepage status
154	(9A)	BITSTRING	1		CUNBCPRM_Flag2	FLAG Byte 2 set by service
		1....			CUNBCPRM_Substitution	Substitution: 0=NO CHARACTER SUBSTITUTED. 1=CHARACTER(S) SUBSTITUTED.
155	(9B)	UNSIGNED	1		CUNBCPRM_Designator	Reserved for ISO2022
156	(9C)	CHARACTER	8	WORD	CUNBCPRM_RC_RS	Return/reason code
156	(9C)	UNSIGNED	4		CUNBCPRM_Return_Code	Return code
160	(A0)	UNSIGNED)	4		CUNBCPRM_Reason_Code	Reason code
164	(A4)	CHARACTER	0		CUNBCPRM_End	End of CUNBCPRM

Table 8. Mapping of UCCE handle in HLASM for character conversion

Offset Dec	Offset Hex	Type	Length in bytes	Boundary	Name	Description
0	(0)	STRUCTURE	66	DWORD	HUCCE	mapping of HUCCE handle
0	(0)	BITSTRING	16		HUCCE_TIME	Modification time stamp of UCCB (STCK)
16	(10)	CHARACTER	4		*	Reserved for 64 bit
20	(14)	ADDRESS	4		HUCCE_UCCB_PTR	Address of UCCB
24	(18)	CHARACTER	4		*	reserved for 64 bit
28	(1C)	ADDRESS	4		HUCCE_UCCE_PTR	Address of UCCE
32	(20)	UNSIGNED	4		HUCCE_UCCE_ALET	ALET of UCCE
36	(24)	CHARACTER	4		HUCCE_FLAGS	Status flags of HUCCE

Mapping of parameters and UCCE handle in HLASM

Table 8. Mapping of UCCE handle in HLASM for character conversion (continued)

Offset Dec	Offset Hex	Type	Length in bytes	Boundary	Name	Description
36	(24)	CHARACTER	2		HUCCE_UCCE_FLAGS	Flags copied from UCCE
36	(24)	UNSIGNED	1		HUCCE_CONVERSION	Conversion information (for constants see CUNPIDFC)
37	(25)	BITSTRING 1... ...	1		HUCCE_TAB_STATUS HUCCE_TAB_FIXED	Conversion table status 0=table is pageable 1=table is fixed
38	(26)	BITSTRING 1... ...	1		HUCCE_UCCB_FLAGS HUCCE_HW_PRESE	Flags copied from UCCB 0=Unicode hardware not present 1=Unicode hardware present
39	(27)	BITSTRING 1... ...	1		HUCCE_SERVICE_FLAG HUCCE_SUB_HANDL	Flags set by the conversion service 0=handle created via CUNPIHDL 1=handle created by the service
40	(28)	CHARACTER	16	WORD	HUCCE_CONV_KEY	Key that identifies the UCCE
40	(28)	UNSIGNED	4		HUCCE_SRC_CCSID	Source CCSID
44	(2C)	UNSIGNED	4		HUCCE_TGT_CCSID	Target CCSID
48	(30)	CHARACTER	8		HUCCE_TECHNIQUE	Technique search order
56	(38)	UNSIGNED	1		HUCCE_SRC_WIDTH_MIN	minimum source character width
57	(39)	UNSIGNED	1		HUCCE_SRC_WIDTH_MAX	maximum source character width
58	(3A)	UNSIGNED	1		HUCCE_TGT_WIDTH_MIN	minimum target character width
59	(3B)	UNSIGNED	1		HUCCE_TGT_WIDTH_MAX	maximum target character width
60	(3C)	UNSIGNED	2		HUCCE_DDA_BUF_LEN	DDA buffer length required for the conversion
62	(3E)	CHARACTER	2		*	reserved
64	(40)		0		HUCCE_END	End of HUCCE

Description of parameters in area CUNBCPRM

This description applies to C and HLASM.

CUNBCPRM_Version - set by caller

specifies the version of the parameter area. This field must be initialized for

parameters in area CUNBCPRM

the first call to stub routine CUNLCNV using the constant CUNBCPRM_Ver which is supplied by the interface definition file CUNBCIDF.

CUNBCPRM_Length - set by caller

is the length of the parameter area. HLASM users must initialize this field for the first call to CUNLCNV using the constant CUNBCPRM_Len which is supplied by the interface definition file CUNBCIDF.

CUNBCPRM_Src_Buf_Ptr - set by caller

specifies the beginning address of a string of text characters encoded in the CCSID named in the CUNBCPRM_Src_CCSID parameter, and with a length specified in the CUNBCPRM_Src_Buf_Len parameter. At the completion of the conversion, CUNBCPRM_Src_Buf_Ptr will be updated to point just past the last character that was successfully converted, and CUNBCPRM_Src_Buf_Len will be updated to reflect the number of bytes left unconverted. If all bytes are converted, CUNBCPRM_Src_Buf_Len will be zero.

CUNBCPRM_Src_Buf_ALET - set by caller

specifies the ALET to be used if the source buffer addressed by CUNBCPRM_Src_Buf_ptr resides in a different address or data space.

CUNBCPRM_Src_Buf_Len - set by caller

specifies the length in bytes of the source buffer addressed by CUNBCPRM_Src_Buf_Ptr. The source buffer length may be zero. In this case, nothing is converted but the CUNBCPRM_Conv_Handle is returned. This may be used to request a handle without converting.

CUNBCPRM_Targ_Buf_Ptr - set by caller

specifies the beginning address of an area of storage where the converted text string will be stored. At the completion of the conversion, CUNBCPRM_Targ_Buf_Ptr will point just past the last character stored, and CUNBCPRM_Targ_Buf_Len will be updated to indicate the number of bytes not yet consumed in the buffer.

CUNBCPRM_Targ_Buf_ALET - set by caller

specifies the ALET to be used, if the target buffer addressed by CUNBCPRM_Targ_Buf_Ptr resides in a different address or data space.

CUNBCPRM_Targ_Buf_Len - set by caller

specifies the length in bytes of the target buffer addressed by CUNBCPRM_Targ_Buf_Ptr. This length must be able to hold at least one character of the maximum width for the specified To-CCSID (target code page) when CUNBCPRM_Src_Buf_Len will be greater than 0.

CUNBCPRM_Conv_Handle - set by conversion service

CUNBCPRM_Conv_Handle specifies the handle to a UCCE. If a handle is present it will be used, otherwise the CUNBCPRM_Src_CCSID and CUNBCPRM_Targ_CCSID parameters will be used and a handle to UCCE is returned in CUNBCPRM_Conv_Handle. Subsequent calls to stub routine CUNLCNV, requesting the same conversion with the same parameter area, will be faster because then the handle is used and CUNBCPRM_Conv_Handle does not need to be recomputed.

Note: For the first call to stub routine CUNLCNV,
CUNBCPRM_Conv_Handle must be set to binary zero X'00'.

CUNBCPRM_Conv_Key

is a structure that can be used to access CUNBCPRM_Src_CCSID, CUNBCPRM_Targ_CCSID, and CUNBCPRM_Technique as one unit.

parameters in area CUNBCPRM

CUNBCPRM_Src_CCSID - set by caller

specifies the CCSID encoding of the text in the source buffer. The contents of CUNBCPRM_Src_CCSID must be a valid CCSID. It must correspond to the CUNBCPRM_Targ_CCSID parameter in a way that there is a valid UCCE built during IPL and may be changed by a SET UNI command. This parameter is mandatory for the first call to stub routine CUNLCNV. It is not used if a non-zero CUNBCPRM_Conv_Handle is given.

CUNBCPRM_Targ_CCSID - set by caller

specifies the CCSID encoding of the text in the target buffer. The contents of CUNBCPRM_Targ_CCSID must be a valid CCSID. It must correspond with the CUNBCPRM_Src_CCSID parameter in a way that there is a valid UCCE built during IPL and this may be changed by a SET UNI command. This parameter is mandatory for the first call to CUNLCNV. It is not used, if a non-zero CUNBCPRM_Conv_Handle is given.

CUNBCPRM_Technique - set by caller

Specifies the technique-search-order for the given CCSID pair. It must be the same technique-search-order which has been defined in the image generator CONVERSION control statement for this CCSID pair. See "Control statement CONVERSION" on page 14. CUNBCPRM_Technique must be padded with X'40' (blanks), or, if technique_search_order was omitted from the CONVERSION control statement, must be initialized to all blanks.

CUNBCPRM_Wrk_Buf_Ptr - set by caller

specifies the beginning address of an area of storage that the conversion services can use to store intermediate results.

CUNBCPRM_Wrk_Buf_ALET - set by caller

specifies the ALET to be used if the work buffer addressed by CUNBCPRM_Wrk_Buf_Ptr resides in a different address or data space.

CUNBCPRM_Wrk_Buf_Len - set by caller

specifies the length in bytes of the work buffer addressed by CUNBCPRM_Wrk_Buf_Ptr. The parameter CUNBCPRM_Wrk_Buf_Len must be equal or greater than 2, if CUNBCPRM_Src_Buf_Len is greater than 0. A work buffer is only required for indirect conversions. See "Calling the character conversion services" on page 33.

CUNBCPRM_DDA_Buf_Ptr - set by caller

specifies the beginning address of an area of storage that the conversion services are using internally as dynamic data area.

CUNBCPRM_DDA_Buf_ALET - set by caller

specifies the ALET to be used, if the dynamic data area addressed by CUNBCPRM_DDA_Buf_Ptr resides in a different address or data space.

CUNBCPRM_DDA_Buf_Len - set by caller

specifies the length in bytes of the dynamic data area addressed by CUNBCPRM_DDA_Buf_Ptr. The required length is defined by constant CUNBCPRM_DDA_Req.

CUNBCPRM_Flag1 - set by caller

Bit position	Name
1xxx xxxx	CUNBCPRM_Sub_Action
x1xx xxxx	CUNBCPRM_Inv_Handle

CUNBCPRM_Sub_Action

specifies the action to take when a source character is encountered which is not convertable to the To-CCSID.

- **0:** indicates that the conversion is to be terminated with an error.
- **1:** indicates that the substitution character is to be put in the target buffer and the conversion is to be continued.

CUNBCPRM_Inv_Handle

specifies what has to be done when the UCCE handle is invalid.

- **0:** indicates that the conversion is to be terminated with return code CUN_RC_WARN and reason code CUN_RS_INV_HANDLE_SET or CUN_RS_INV_HANDLE_NOSET.
- **1:** indicates that the conversion is to be done with a new handle created by the conversion services and put into CUNBCPRM_Conv_Handle. This is done only if no SET UNI command is running. If the SET UNI command is still running, the conversion will be terminated with return code CUN_RC_WARN and reason code CUN_RS_INV_HANDLE_SET.

CUNBCPRM_Subcodepage - set by conversion service

Parameter CUNBCPRM_Subcodepage is used for conversions with CCSIDs involved that have a "state-dependent" encoding scheme (such as EBCDIC MBCS). For each new source string on the first call to stub routine CUNLCNV CUNBCPRM_Subcodepage should be set to zero. Thus the converter will start with default subcodepage(s). When the conversion service returns, CUNBCPRM_Subcodepage is updated to reflect the subcode page number(s) used when converting the last source character.

For a direct conversion from From-CCSID to To-CCSID only CUNBCPRM_Target_SCP_State is used. For an indirect conversion, where an interim conversion from From-CCSID to a Unicode CCSID is involved, CUNBCPRM_Source_SCP_State as well as CUNBCPRM_Target_SCP_State may be updated. For consequent calls to CUNLCNV (partial string processing of long source strings) CUNBCPRM_Subcodepage must be used unchanged, as it is returned from the previous call. Thus the next piece of source will start with the correct subcodepage(s).

The following table describes the default sub code pages:

Type	ESID	Start with sub code page	
		conversion to UCS-2	conversion from UCS-2
ISO2022-JP, JP-1, JP-2	5404	1	2
ISO2022-KR	5409	1	1
EBCDIC MBCS	1301	1	1
ASCII MBCS PC	2300, 3300	1	1
ASCII MBCS EUC	4403	2	2

parameters in area CUNBCPRM

CUNBCPRM_Source SCP State - set by conversion service

Is used for indirect conversions, where an intermediate conversion step with a From_CCSID with subcodepages is involved. Possible values are 0...15.

CUNBCPRM_Target SCP State - set by conversion service

Reflects the To-CCSID's subcodepage used for the last converted character. Possible values are 0...15.

CUNBCPRM_Designator - set by conversion service

The parameter CUNBCPRM_Designator is used for conversions from and to ISO2022 encodings that use designator sequence. It specifies the active designator sequence in which the conversion is to begin. When the service returns, CUNBCPRM_Designator is updated as appropriate to reflect designator sequence active at the completion of the conversion.

For conversions to ISO2022-KR, which use only one designator, the sequence value means:

- 0: the designator sequence was not yet inserted
- 1: the designator sequence was already inserted

CUNBCPRM_Flag2 - set by service

Bit position	Name
1xxx xxxx	CUNBCPRM_Substitution

CUNBCPRM_Substitution

Indicates to the caller whether the conversion service has converted a character into the conversion table's substitution character.

Note: This bit has to be reset by the caller.

- 0: indicates that the conversion service did not substitute.
- 1: indicates that the conversion service converted at least 1 character into the conversion table's substitution character (or the service was already called with bit set to 1) .

CUNBCPRM_RC_RS

is a structure that can be used to access CUNBCPRM_Return_Code and CUNBCPRM_Reason_Code as one unit.

CUNBCPRM_Return_Code - set by service

specifies the return code.

CUNBCPRM_Reason_Code - set by service

specifies the reason code.

For a list of return and reason codes, see Table 16 on page 104.

Description of UCCE handle

This description of the UCCE handle applies to C. To apply this to HLASM the reference to UCCE_variable needs to be changed to HUCCE_variable.

uccehdl_UCCE_TIME - set by conversion service

modification to the time stamp of UCCB.

uccehdl_UCCE_UCCB_PTR - set by conversion service

specifies the beginning address of a control block where are stored the unicode main structures.

Description of UCCE handle

uccehdl_UCCE_PTR - set by conversion service

specifies the begining address of the UCCE where are stored the values of the conversion.

uccehdl_UCCE_ALET - set by conversion service

specifies the ALET to be used for the UCCE structure.

uccehdl_UCCE_CONVERSION - set by conversion service

specifies the Conversion information, see the constants:

- UCCE_ONE_TO_ONE
- UCCE_ONE_TO_TWO
- UCCE_TWO_TO_ONE
- UCCE_TWO_TO_TWO
- UCCE_ISO2022_KR_TO_TWO
- UCCE_TWO_TO_THREE
- UCCE_TWO_TO_ISO2022_KR
- UCCE_THREE_TO_TWO
- UCCE_PC_TO_TWO
- UCCE_EUC_TO_TWO
- UCCE_ISO2022_JP_TO_TWO
- UCCE_EDCBIC_TO_TWO
- UCCE_TWO_TO_PC
- UCCE_TWO_TO_EUC
- UCCE_TWO_TO_ISO2022_JP
- UCCE_TWO_TO_EDCBIC
- UCCE_TWO_TO_UTF8
- UCCE_UTF8_TO_TWO
- UCCE_TWO_STAGE
- UCCE_FOUR_TO_TWO
- UCCE_TWO_TO_FOUR
- UCCE_GB18030_TO_TWO
- UCCE_TWO_TO_GB18030

uccehdl_UCCE_TAB_FIXED - set by conversion service

- 0=table is pageable
- 1=table is fixed

uccehdl_UCCE_HW_PRESENT - set by conversion service

- 0=Unicode hardware not present
- 1=Unicode hardware present

uccehdl_UCCE_SUB_HANDLE - set by conversion service

- 0=handle created via CUNPIHDL
- 1=handle created by the service

uccehdl_UCCE_SRC_CCSID - set by conversion service

specifies the CCSID source

uccehdl_UCCE_TGT_CCSID - set by conversion service

specifies the CCSID target

uccehdl_UCCE_TECHNIQUE - set by conversion service

specifies the technique search order:

Description of UCCE handle

- R - Roundtrip conversion
- E - Enforced subset conversion
- C - Customized conversion
- L - Language environment-behavior conversion
- M - Modified Language environment-behavior conversion

uccehdl_UCCE_SRC_WIDTH_MIN - set by conversion service

specifies the minimum source character width

uccehdl_UCCE_SRC_WIDTH_MAX - set by conversion service

specifies the maximum source character width

uccehdl_UCCE_TGT_WIDTH_MIN - set by conversion service

specifies the minimum target character width

uccehdl_UCCE_TGT_WIDTH_MAX - set by conversion service

specifies the maximum target character width

uccehdl_UCCE_DDA_BUF_LEN - set by conversion service

specifies the required DDA buffer length for the conversion

Case conversion

The case conversion is also referred to as 'conversion to upper or lower case'. The case conversion services are called using a stub routine named **CUNLASE**. It converts the case in a string of text characters.

Unicode case conversion is described in "Unicode Technical Report #21: Case Mappings" which is available at <http://www.unicode.org/>. Case conversion rules are summarized in the two tables **UnicodeData.txt** and **SpecialCasing.txt** which are available from the same web site.

Case conversion must be activated by specifying the CASE control statement in the input data set for the image generator (job CUNJIUTL). For detailed information see "Creating a conversion image" on page 11 and "Control statement CASE" on page 16.

Calling the case conversion services

This is a general description of how the case conversion services have to be called. The call syntax is described in "Using the C interface" on page 48 and "Using the HLASM interface" on page 49. The parameters are explained in "Mapping of parameters in C" on page 48, "Mapping of parameters in HLASM" on page 49 and "Description of parameters in area CUNBAPRM" on page 50. For a list of the return and reason codes, see Table 16 on page 104.

The caller has to provide

- source buffer pointer, ALET, and length
- target buffer pointer, ALET, and length
- dynamic data area pointer, ALET, and length
- conversion type (or case conversion handle in subsequent calls)
 - simple casing to upper/to lower
 - locale independent special casing to upper/to lower
 - locale dependent special casing to upper/to lower
- flags

Note: A dynamic data area (DDA) must always be specified. The required length is defined by constant CUNBAPRM_DDA_Req (see interface definition file CUNBAIDF).

When the service returns, it replaces the source and target buffer pointers and lengths. Thus the caller can see how many bytes were converted and how much of the target buffer is filled up. Return codes and reason codes notify when a target buffer overflow was detected or any other critical case happened (see "Critical cases" on page 58).

The conversion type is given initially. A call always returns a case conversion handle which is a fast path for the conversion services to the case conversion table and its properties. In subsequent calls, IBM recommends to provide the case conversion handle. If the caller wants to request the case conversion handle without converting any data, it can be done by specifying a source buffer length of 0.

The caller can put the conversion data in any dataspace. To allow the service to access the data, an ALET must be specified. An ALET of 0 indicates that the data is in the primary address space.

Restrictions

Restrictions for the calling environment

Table 9. Restrictions while calling the case conversion services

Property	Restriction
authorization	problem state or supervisor state, and any PSW key
dispatchable unit mode	task or SRB
cross memory mode	any PASN, any HASN, any SASN
amode	31-bit, prepared for 64-bit
ASC mode	called in primary mode but exploiting AR mode
interrupt status	enabled for I/O and external interrupts
locks	may be held by the caller, but is not required to hold any
control parameters	must be in the primary address space
recovery environment	provided exclusively by the caller of the conversion services

Using the C interface

This is the call syntax in C for calling the stub routine **CUNLASE** (case conversion). The mapping of the parameter area supplied by the header file cunhc.h is listed in "Mapping of parameters in C".

```
#include<cunhc.h>
#define SLEN 1000
#define TLEN 4096
.....
unsigned char Sourcebuffer [SLEN ];
unsigned char Targetbuffer [TLEN ];
unsigned char DDA [CUNBAPRM_DDA_REQ ];

CUNBAPRM myparm ={CUNBAPRM_DEFAULT};
myparm.Src_Buf_Ptr=Sourcebuffer;
myparm.Targ_Buf_Ptr=Targetbuffer;
myparm.Targ_Buf_Len=TLEN;
myparm.Src_Buf_Len=SLEN;
myparm.DDA_Buf_Ptr=DDA;
myparm.DDA_Buf_Length=CUNBAPRM_DDA_REQ;
Myparm.Conv_Type=CUNBAPRM_TO_UPPER;
CUNLASE ( & myparm );
if((myparm.Return_Code !=CUN_RC_OK).....
```

Mapping of parameters in C

A C header file is supplied (cunhc.h) which contains the function prototypes for the case conversion services. The following structure is used in the interface to the case conversion service.

```
typedef struct tagCUNBAPRM {
    long          Version;           /* Structure version number */
    long          Length;            /* Length of structure */
    long          Res1;              /* Reserved */
    void *        Src_Buf_Ptr;       /* Pointer to Source */
    unsigned long Src_Buf_ALET;     /* ALET of source buffer */
    unsigned long Src_Buf_Len;      /* Length of source data */
    long          Res2;              /* Reserved */
```

Mapping of parameters in C

```

void * Targ_Buf_Ptr;          /* Pointer to Target           */
unsigned long Targ_Buf_ALET;   /* ALET of target buffer      */
unsigned long Targ_Buf_Len;    /* Length of target buffer     */
char Conv_Handle[64];         /* conversion handle          */
unsigned char Conv_Type;       /* conversion type            */
char Res3[3];                 /* Reserved                   */
char Locale[32];              /* LOCALE                     */
long Res4;                    /* Reserved                   */
void * DDA_Buf_Ptr;           /* Pointer to dynamic data area*/
unsigned long DDA_Buf_ALET;    /* ALET of DDA                 */
unsigned long DDA_Buf_Len;     /* Length of DDA               */
unsigned char Flag1;           /*                         */
unsigned char Flag2;           /*                         */
unsigned char Res5[2];         /* Reserved                   */
long Return_Code;              /* Return Code                */
long Reason_Code;              /* Reason Code                */
} CUNBAPRM;

```

Note: C constants for the parameter area are defined in the header file cunhc.h.

Using the HLASM interface

This is the call syntax in HLASM for calling the stub routine **CUNLASE** (case conversion). The mapping of the parameter area supplied by the interface definition file CUNBAIDF is listed in "Mapping of parameters in HLASM".

```

-----1----+---2----+---3----+---4----+---5----+---6----+---7--
        GETMAIN .....          Obtain storage for parameter area
*                                         in primary address space.
        LR    R4,R1             Save parameter area address
        USING CUNBAPRM,R4        Make parameter area addressable
        XC    CUNBAPRM,CUNBAPRM  Init PARAMETER AREA TO BINARY 0
        LA    R15,CUNBAPRM_VER   Get Version
        ST    R15,CUNBAPRM_VERSION Store to parameter area
        LA    R15,CUNBAPRM_LEN    Initialize Length
        ST    R15,CUNBAPRM_LENGTH Move to parameter area
        LA    R0,CUNBAPRM_TO_UPPER Get conversion type
        STC   R0,CUNBAPRM_CONV_TYPE Store to parameter area
*
*                                         Supply source buffer pointer, length and ALET.
*                                         Supply target buffer pointer, length and ALET.
*                                         Supply DDA buffer pointer, length and ALET.
* Note: A DDA is always required. The required DDA length is
* defined by constant CUNBAPRM_DDA_REQ.
*
*                                         Fill all required fields of the parameter area.
        CALL   CUNLASE,((R4))    Call stub routine with CUNBAPRM
*                                         address as argument.
        CUNBAIDF DSECT=YES      Provide Mappings (CUNBAPRM, return and
*                                         reason codes, constants for version
*                                         and length).

```

Mapping of parameters in HLASM

Table 10. Mapping of parameters in HLASM for case conversion

Offset Dec	Offset Hex	Type	Length in Bytes	Boundary	Name	Description
0	(0)	UNSIGNED	4		CUNBAPRM_Version	Parameter Area VERSION
4	(4)	UNSIGNED	4		CUNBAPRM_Length	Parameter area Length
8	(8)	CHARACTER	4	*		Reserved for 64 bit

Mapping of parameters in HLASM

Table 10. Mapping of parameters in HLASM for case conversion (continued)

Offset Dec	Offset Hex	Type	Length in Bytes	Boundary	Name	Description
12	(C)	ADDRESS	4		CUNBAPRM_Src_Buf_Ptr	Source buffer pointer
16	(10)	UNSIGNED	4		CUNBAPRM_Src_Buf_ALET	Source buffer ALET
20	(14)	UNSIGNED	4		CUNBAPRM_Src_Buf_Len	Source buffer length
24	(18)	CHARACTER	4		*	Reserved for 64 bit
28	(1C)	ADDRESS	4		CUNBAPRM_Targ_Buf_Ptr	Target buffer pointer
32	(20)	UNSIGNED	4		CUNBAPRM_Targ_Buf_ALET	Target buffer ALET
36	(24)	UNSIGNED	4		CUNBAPRM_Targ_Buf_Len	Target buffer length
40	(28)	CHARACTER	64	DWORD	CUNBAPRM_Conv_Handle	Conversion handle
104	(68)	UNSIGNED	1		CUNBAPRM_Conv_Type	Conversion Type
105	(69)	CHARACTER	3		*	Reserved
108	(6C)	CHARACTER	32		CUNBAPRM_Locale	Locale info
140	(8C)	CHARACTER	4		*	Reserved for 64 bit
144	(90)	ADDRESS	4		CUNBAPRM_DDA_Buf_Ptr	Dynamic data area pointer
148	(94)	UNSIGNED	4		CUNBAPRM_DDA_Buf_ALET	Dynamic data area ALET
152	(98)	UNSIGNED	4		CUNBAPRM_DDA_Buf_Len	Dynamic data area length as defined by constant CUNBAPRM_DDA_Req.
156	(9C)	BITSTRING	1		CUNBAPRM_Flag1	FLAG Byte 1 set by caller
		1....			CUNBAPRM_Inv_Handle	Invalid handle action: 0=TERMINATE WITH ERROR 1=GET NEW HANDLE AND CONTINUE.
156	(9C)	BITSTRING	1		CUNBAPRM_Flag1	FLAG Byte 1 set by caller
		1....			CUNBAPRM_Not_Last_Buf	Buffer contains last src char: 0=Src_Buffer is last or only Buffer of complete src data. 1=Another buffer follows.
157	(9D)	UNSIGNED	1		CUNBAPRM_Flag2	FLAG Byte 2
158	(9E)	CHARACTER	2		*	Reserved
160	(A0)	CHARACTER	8	WORD	CUNBAPRM_RC_RS	Return/reason code
160	(A0)	UNSIGNED	4		CUNBAPRM_Return_Code	Return code
164	(A4)	UNSIGNED	4		CUNBAPRM_Reason_Code	Reason code
168	(A8)	CHARACTER	0	WORD	CUNBAPRM_End	End of CUNBAPRM

Description of parameters in area CUNBAPRM

This description applies to C and HLASM.

CUNBAPRM_Version - set by caller

specifies the version of the parameter area. This field must be initialized for the first call to stub routine CUNLASE using the constant CUNBAPRM_Version which is supplied by the interface definition file CUNBAIDF.

CUNBAPRM_Length - set by caller

is the length of the parameter area. HLASM users must initialize this field for the first call to CUNLASE using the constant CUNBAPRM_length which is supplied by the interface definition file CUNBAIDF.

CUNBAPRM_Src_Buf_Ptr - set by caller

specifies the beginning address of a string of text characters which are to be converted. The string has the length specified in the CUNBAPRM_Src_Buf_Len parameter. At the completion of the conversion, CUNBAPRM_Src_Buf_Ptr will be updated to point just past the last character that was successfully converted, and CUNBAPRM_Src_Buf_Len will be updated to reflect the number of bytes left unconverted. If all bytes are converted, CUNBAPRM_Src_Buf_Len will be zero.

CUNBAPRM_Src_Buf_ALET - set by caller

specifies the ALET to be used, if the source buffer addressed by CUNBAPRM_Src_Buf_Ptr resides in a different address or data space.

CUNBAPRM_Src_Buf_Len - set by caller

specifies the length in bytes of the source buffer addressed by CUNBAPRM_Src_Buf_Ptr.

CUNBAPRM_Targ_Buf_Ptr - set by caller

specifies the beginning address of an area of storage where the converted text string will be stored. At the completion of the conversion, CUNBAPRM_Targ_Buf_Ptr will point just past the last character stored, and CUNBAPRM_Targ_Buf_Len will be updated to indicate the number of bytes not yet consumed in the buffer.

CUNBAPRM_Targ_Buf_ALET - set by caller

specifies the ALET to be used, if the target buffer addressed by CUNBAPRM_Targ_Buf_Ptr resides in a different address or data space.

CUNBAPRM_Targ_Buf_Len - set by caller

specifies the length in bytes of the target buffer addressed by CUNBAPRM_Targ_Buf_Ptr.

CUNBAPRM_Conv_Handle - set by conversion service

CUNBAPRM_Conv_Handle specifies the handle to the case conversion tables. If a handle is present, it will be used, otherwise the CUNBAPRM_Conv_Type parameter is used and a case conversion handle is returned in CUNBAPRM_Conv_Handle. Subsequent calls to stub routine CUNLASE, requesting the same conversion with the same parameter area, will be faster because then the handle is used and CUNBAPRM_Conv_Type does not need to be recomputed..

Note: For the first call to stub routine CUNLASE,
CUNBAPRM_Conv_Handle must be set to binary zero X'00'.

CUNBAPRM_Conv_Type - set by caller

specifies the conversion direction as defined by the following constants:

CUNBAPRM_To_Upper	converts to upper case, includes simple casing only
CUNBAPRM_To_Lower	converts to lower case, includes simple casing only
CUNBAPRM_To_Upper_S	converts to upper case, includes locale independent special casing

Parameters in area CUNBAPRM

CUNBAPRM_To_Lower_S	converts to lower case, includes locale independent special casing
CUNBAPRM_To_Upper_L	converts to upper case, includes locale dependent and independent special casing
CUNBAPRM_To_Lower_L	converts to lower case, includes locale dependent and independent special casing

CUNBAPRM_Locale - set by caller

this info specifies the locale information to be used when the locale dependent special casing is specified (Conv_Type = CUNBAPRM_TO_UPPER_L or CUNBAPRM_TO_LOWER_L). The locale can be of the form *LL*, *LL_CC*, or *LL_CC_variant*, where *LL* is an ISO-639 two letter language code (for example *tr* for Turkish). *CC* is an ISO-3166 two letter country code (for example *TR* for Turkey). *variant* is an application dependent variant that can have a maximum length of 26. If the locale is not specified, only locale independent special casing will be done. The file SpecialCasing.txt of the Unicode organization contains the locale specific case mappings.

CUNBAPRM_DDA_Buf_Ptr - set by caller

specifies the beginning address of an area of storage that the conversion service is using internally as dynamic data area.

CUNBAPRM_DDA_Buf_ALET - set by caller

specifies the ALET to be used, if the dynamic data area addressed by CUNBAPRM_DDA_Ptr resides in a different address or data space.

CUNBAPRM_DDA_Buf_Len - set by caller

specifies the length in bytes of the dynamic data area addressed by CUNBAPRM_DDA_Ptr.

CUNBAPRM_Flag1 - set by caller

CUNBAPRM_Inv_Handle

specifies the action to be taken when the case conversion handle is invalid.

- **0:** indicates that the conversion is to be terminated with an error.
- **1:** indicates that the conversion is to be done with a new handle created by the conversion service and put into CUNBAPRM_Conv_Handle.

CUNBAPRM_Not_Last_Buf

specifies whether the source buffer contains the last or only part of the complete source data, or whether the next call to the case converter will supply a subsequent part of the source data.

- **0:** indicates that the source buffer contains the last or only part of the source data.
- **1:** indicates that another buffer with more source characters will be supplied with the subsequent call to case conversion.

CUNBAPRM_Flag2 - set by conversion service

reserved

CUNBAPRM_RC_RS

is a structure that can be used to access CUNBAPRM_Return_Code and CUNBAPRM_Reason_Code as one unit.

CUNBAPRM_Return_Code - set by conversion service

specifies the return code.

CUNBAPRM_Reason_Code - set by conversion service

specifies the reason code.

For a list of return and reason codes, see Table 16 on page 104.

Normalization

Normalization is also referred to as 'decomposition or composition'. The normalization service is called using a stub routine named **CUNLNORM**. Normalization allows the decomposition or composition of a Unicode input string. Normalization is described in "Unicode Technical Report #15: Unicode Normalization Forms", which is available at <http://www.unicode.org/unicode/reports/tr15>.

Normalization rules are based on the UnicodeData-3.0.1.txt (<http://www.unicode.org/Public/UNIDATA/UnicodeData-3.0.1.html>) and in the CompositionExclusions-2.txt (<http://www.unicode.org/Public/UNIDATA/CompositionExclusions-2.txt.html>).

Normalization must be activated by specifying the NORMALIZE control statement in the input data set for the image generator. For detailed information see "Creating a conversion image" on page 11 and "Control statement NORMALIZE" on page 17.

Calling the normalization service

This is a general description of how the normalization services have to be called. The call syntax is described in "Using the C interface" on page 54 and "Using the HLASM interface" on page 55. The parameters are explained in "Mapping of parameters in C" on page 54, "Mapping of parameters in HLASM" on page 56 and "Description of parameters in area CUNBNPRM" on page 56. For a list of the return and reason codes, see Table 16 on page 104.

The caller has to provide

- source buffer pointer, ALET, and length
- target buffer pointer, ALET, and length
- work buffer pointer, ALET, and length
- normalization form (NFC, NFD, NFKD or NFKC)
- dynamic data area pointer, ALET, and length
- flags

Note: A dynamic data area (DDA) must always be specified. The required length is defined by constant CUNBNPRM_DDA_Req (see interface definition file CUNBNIDF).

When the service returns, it replaces the source and target buffer pointers and lengths. Thus the caller can see how many bytes were normalized and how much of the target buffer is filled up. Return codes and reason codes notify when a target buffer overflow was detected or any other critical case happened (see "Critical cases" on page 58).

Restrictions

Restrictions for the calling environment

Table 11. Restrictions while calling the normalization service

Property	Restriction
authorization	problem state or supervisor state, and any PSW key
dispatchable unit mode	task or SRB
cross memory mode	any PASN, any HASN, any SASN
amode	31-bit, prepared for 64-bit
ASC mode	called in primary mode but exploiting AR mode
interrupt status	enabled for I/O and external interrupts
locks	may be held by the caller, but is not required to hold any
control parameters	must be in the primary address space
recovery environment	provided exclusively by the caller of the normalization service

Using the C interface

This is the call syntax in C for calling the stub routine **CUNLNORM** (normalization). The mapping of the parameter area supplied by the header file cunhc.h is listed in "Mapping of parameters in C" on page 48.

```
#include<cunhc.h>
#define SLEN 1000
#define WLEN 4096
#define TLEN 4096
.....
unsigned char Sourcebuffer [SLEN ];
unsigned char Workbuffer [WLEN ];
unsigned char Targetbuffer [TLEN ];

unsigned char DDA [CUNBNPRM_DDA_REQ ];
CUNBNPRM myparm ={CUNBNPRM_DEFAULT};

myparm.Src_Buf_Ptr=Sourcebuffer;
myparm.Wrk_Buf_Ptr=Workbuffer;
myparm.Targ_Buf_Ptr=Targetbuffer;

myparm.Targ_Buf_Len=TLEN;
myparm.Wrk_Buf_Len=WLEN;
myparm.Src_Buf_Len=SLEN;

myparm.DDA_Buf_Ptr=DDA;
myparm.DDA_Buf_Length=CUNBNPRM_DDA_REQ;
myparm.Norm_Type=CUNBNPRM_D;
CUNLNORM ( & myparm );
if((myparm.Return_Code !=CUN_RC_OK).....
```

Mapping of parameters in C

A C header file is supplied (cunhc.h) which contains the function prototypes for the normalization service. The following structure is used in the interface to the normalization service.

```
typedef struct tagCUNBNPRM {
```

Mapping of parameters in C

```

long      Version;          /* Structure version number */
long      Length;           /* Length of structure */
long      Res1;             /* Reserved */
void    * Src_Buf_Ptr;     /* Pointer to Source */
unsigned long Src_Buf_ALET; /* ALET of source buffer */
unsigned long Src_Buf_Len;  /* Length of source data */
long      Res2;             /* Reserved */
void    * Targ_Buf_Ptr;    /* Pointer to Target */
unsigned long Targ_Buf_ALET; /* ALET of target buffer */
unsigned long Targ_Buf_Len; /* Length of target buffer */
char     Norm_Handle[64];   /* normalization handle */
unsigned char Norm_type;   /* normalization type */
unsigned char Res3[2];     /* Reserved */
long      Res4;             /* Reserved */
void    * Wrk_Buf_Ptr;     /* Pointer to work buffer */
unsigned long Wrk_Buf_ALET; /* ALET of work buffer */
unsigned long Wrk_Buf_Len; /* Length of work buffer */
long      Res5;             /* Reserved */
void    * DDA_Buf_Ptr;     /* Pointer to dynamic data area*/
unsigned long DDA_Buf_ALET; /* ALET of DDA */
unsigned long DDA_Buf_Len; /* Length of DDA */
unsigned char Flag1;       /* */
unsigned char Res6[3];     /* Reserved */
long      Return_Code;     /* Return code */
long      Reason_Code;     /* Reason code */
} CUNBNPRM;

```

Note: C constants for the parameter area are defined in the header file cunhc.h.

Using the HLASM interface

This is the call syntax in HLASM for calling the stub routine **CUNLNORM** (normalization). The mapping of the parameter area supplied by the interface definition file CUNBNIDF is listed in “Mapping of parameters in HLASM” on page 56.

```

-----1-----2-----3-----4-----5-----6-----7--
      GETMAIN ..... Obtain storage for parameter area
*                                         in primary address space.
      LR   R4,R1      Save parameter area address
      USING CUNBNPRM,R4  Make parameter area addressable
      XC   CUNBNPRM,CUNBNPRM Init PARAMETER AREA TO BINARY 0
      LA   R15,CUNBNPRM_VER Get Version
      ST   R15,CUNBNPRM_VERSION Store to parameter area
      LA   R15,CUNBNPRM_LEN Initialize Length
      ST   R15,CUNBNPRM_LENGTH Move to parameter area
      LA   R0,CUNBNPRM_D   Get normalization type
      STC  R0,CUNBNPRM_NORM_TYPE Store to parameter area
*
* Supply source buffer pointer, length and ALET.
* Supply work buffer pointer, length and ALET.
* Supply target buffer pointer, length and ALET.
*
* Supply DDA buffer pointer, length and ALET.
* Note: A DDA is always required. The required DDA length is
* defined by constant CUNBNPRM_DDA_REQ.
*
* Fill all required fields of the parameter area.
CALL  CUNLNORM,((R4)) Call stub routine with CUNBNPRM
*                                         address as argument.
* CUNBNIDF DSECT=YES Provide Mappings (CUNBNPRM, return and
*                                         reason codes, constants for version
*                                         and length).

```

Mapping of parameters in HLASM

Mapping of parameters in HLASM

Table 12. Mapping of parameters in HLASM for normalization

Offset Dec	Offset Hex	Type	Length in Bytes	Boundary	Name	Description
0	(0)	STRUCTURE	160	DWORD	CUNBNPRM_Version	Parameter Area
0	(0)	UNSIGNED	4		CUNBNPRM_Version	Parameter Area VERSION
4	(4)	UNSIGNED	4		CUNBNPRM_Length	Parameter area Length
8	(8)	CHARACTER	4		*	Reserved for 64 bit
12	(C)	ADDRESS	4		CUNBNPRM_Src_Buf_Ptr	Source buffer pointer
16	(10)	UNSIGNED	4		CUNBNPRM_Src_Buf_ALET	Source buffer ALET
20	(14)	UNSIGNED	4		CUNBNPRM_Src_Buf_Len	Source buffer length
24	(18)	CHARACTER	4		*	Reserved for 64 bit
28	(1C)	ADDRESS	4		CUNBNPRM_Targ_Buf_Ptr	Target buffer pointer
32	(20)	UNSIGNED	4		CUNBNPRM_Targ_Buf_ALET	Target buffer ALET
36	(24)	UNSIGNED	4		CUNBNPRM_Targ_Buf_Len	Target buffer length
40	(28)	CHARACTER	64	DWORD	CUNBNPRM_Norm_Handle	Normalization handle
104	(68)	UNSIGNED	1		CUNBNPRM_Norm_Type	Normalization Type
105	(69)	CHARACTER	3		*	Reserved
108	(6C)	CHARACTER	4		*	Reserved for 64 bits
112	(70)	ADDRESS	4		CUNBNPRM_Wrk_Buf_Ptr	Work buffer pointer
116	(74)	UNSIGNED	4		CUNBNPRM_Wrk_Buf_ALET	Work buffer ALET
120	(78)	UNSIGNED	4		CUNBNPRM_Wrk_Buf_Len	Work buffer length
124	(7C)	CHARACTER	4		*	Reserved for 64 bit
128	(80)	ADDRESS	4		CUNBNPRM_DDA_Buf_Ptr	Dynamic data area pointer
132	(84)	UNSIGNED	4		CUNBNPRM_DDA_Buf_ALET	Dynamic data area ALET
136	(88)	UNSIGNED	4		CUNBNPRM_DDA_Buf_Len	Dynamic data area length as defined by constant CUNBNPRM_DDA_Req.
140	(8C)	BITSTRING	1		CUNBNPRM_Flag1	FLAG Byte 1 set by caller
					CUNBNPRM_Inv_Handle	Invalid handle at start: 0=TERMINATE WITH ERROR 1=GET NEW HANDLE AND CONTINUE.
141	(8D)	CHARACTER	3		*	Reserved
144	(90)	CHARACTER	8	WORD	CUNBNPRM_RC_RS	Return/reason code
152	(98)	UNSIGNED	4		CUNBNPRM_Return_Code	Return code
156	(9C)	UNSIGNED	4		CUNBNPRM_Reason_Code	Reason code
160	(A0)	CHARACTER	0	WORD	CUNBNPRM_End	End of CUNBNPRM

Description of parameters in area CUNBNPRM

This description applies to C and HLASM.

CUNBNPRM_Version - set by caller

specifies the version of the parameter area. This field must be initialized for the first call to stub routine CUNLNORM using the constant CUNBNPRM_Ver which is supplied by the interface definition file CUNBNIDF.

CUNBNPRM_Length - set by caller

is the length of the parameter area. HLASM users must initialize this field for the first call to CUNLNORM using the constant CUNBNPRM_Len which is supplied by the interface definition file CUNBNIDF.

CUNBNPRM_Src_Buf_Ptr - set by caller, updated by service

specifies the beginning address of a string of text characters. At the completion of the normalization, CUNBNPRM_Src_Buf_Ptr will be updated to point just past the last character that was successfully normalized. If all bytes are normalized, CUNBNPRM_Src_Buf_Len will be zero.

CUNBNPRM_Src_Buf_ALET - set by caller

specifies the ALET to be used to access the source buffer addressed by CUNBNPRM_Src_Buf_Ptr. Use an ALET value of 0 to designate the primary address space.

CUNBNPRM_Src_Buf_Len - set by caller, updated by service

specifies the length in bytes of the source buffer addressed by CUNBNPRM_Src_Buf_Ptr. The source buffer length may be zero. In this case nothing is normalized, but the CUNBNPRM_Norm_Handle is returned.

CUNBNPRM_Targ_Buf_Ptr - set by caller

specifies the beginning address of an area of storage where the normalized text string will be stored. At the completion of the normalization, CUNBNPRM_Targ_Buf_Ptr will point just past the last character stored, and CUNBNPRM_Targ_Buf_Len will be updated to indicate the number of bytes not yet consumed in the buffer.

CUNBNPRM_Targ_Buf_ALET - set by caller

specifies the ALET to be used to access the target buffer addressed by CUNBNPRM_Targ_Buf_Ptr. Use an ALET value of 0 to designate the primary address space.

CUNBNPRM_Targ_Buf_Len - set by caller, updated by service

specifies the length in bytes of the target buffer addressed by CUNBNPRM_Targ_Buf_Ptr. It is strongly suggested this length be at least the same size as CUNBNPRM_Src_Buf_Len.

CUNBNPRM_Norm_Handle - set by caller, updated by service

CUNBNPRM_Norm_Handle specifies the handle to the normalization tables. If a handle is present, it will be used, otherwise the CUNBNPRM_Norm_Type parameter is used, and a normalization handle is returned in CUNBNPRM_Norm_Handle. Subsequent calls to stub routine CUNLNORM, requesting the same normalization with the same parameter area, will be faster because then the handle is used and CUNBNPRM_Norm_Type does not need to be recomputed..

Note: For the first call to stub routine CUNLNORM,
CUNBNPRM_Norm_Handle must be set to binary zero X'00'.

CUNBNPRM_Norm_Type - set by caller

specifies the normalization type as defined by the following constants (defined in CUNBNIDF):

Parameters in area CUNBNPRM

CUNBNPRM_D	Normalize to canonical decomposition
CUNBNPRM_C	Normalize to canonical composition
CUNBNPRM_KD	Normalize to compatibility decomposition
CUNBNPRM_KC	Normalize to compatibility composition

CUNBNPRM_Wrk_Buf_Ptr - set by caller, updated by service

specifies the beginning address of an area of storage that the normalization service can use to store immediate results.

CUNBNPRM_Wrk_Buf_ALET - set by caller

specifies the ALET to be used to access the work buffer addressed by CUNBNPRM_Wrk_Buf_Ptr. Use an ALET value of 0 to designate the primary address space.

CUNBNPRM_Wrk_Buf_Len - set by caller, updated by service

specifies the length in bytes of the work buffer addressed by CUNBNPRM_Wrk_Buf_Ptr. It is strongly suggested this length be at least the same size as CUNBNPRM_Targ_Buf_Len

CUNBNPRM_DDA_Buf_Ptr - set by caller

specifies the beginning address of an area of storage that the normalization service is using internally as dynamic data area.

CUNBNPRM_DDA_Buf_ALET - set by caller

specifies the ALET to be used to access the dynamic data area addressed by CUNBNPRM_DDA_Buf_Ptr. Use an ALET value of 0 to designate the primary address space.

CUNBNPRM_DDA_Buf_Len - set by caller

specifies the length in bytes of the dynamic data area addressed by CUNBNPRM_DDA_Buf_Ptr. The required length is defined by constant CUNBNPRM_DDA_Req.

CUNBNPRM_Flag1 - set by caller

CUNBNPRM_Inv_Handle

specifies the action to be taken when the normalization handle is invalid.

- **0:** indicates that the normalization is to be terminated with an error.
- **1:** indicates that the normalization is to be done with a new handle created by the normalization service and put into CUNBNPRM_Norm_Handle.

CUNBNPRM_Return_Code - set by service

specifies the return code.

CUNBNPRM_Reason_Code - set by service

specifies the reason code.

For a list of return and reason codes, see Table 16 on page 104.

Critical cases

The following critical cases can occur for character conversion (“Character conversion” on page 33) as well as for case conversion (“Case conversion” on page 47) and normalization (“Normalization” on page 53).

Conversion handle invalid

Each SET UNI command invalidates all conversion handles because the tables they point to may have changed. Each call to a conversion service checks before conversion whether the used handle is valid.

For the case that the handle is invalid, the caller can specify with a flag whether the conversion has to be terminated or retried with a new valid conversion handle. Specifying "retry" does make sense, if the caller does not want a special version of a conversion table. For example the only change of the new character conversion table may be that the Euro symbol was added but which is not used by the caller. Specifying "terminate with error" does make sense, if the conversion has to use exactly one version of the conversion table.

Target buffer overflow

If the target buffer is too small, the conversion services will convert as many characters as will fit into the target buffer. When the service returns with the appropriate reason code for that situation, the source and target buffer pointers point to the byte following the last successfully converted source character (respectively inserted target character). Additionally, the source and target buffer length are updated to the number of bytes left unconverted in the source buffer, respectively not yet consumed in the target buffer.

There are two ways of caller reaction on reason code CUN_RS_TRG_EXH (target buffer exhausted):

1. redo the conversion with a big enough target buffer:

Repeat the conversion with a target buffer large enough to hold at least the maximum possible amount of target string bytes. To accomplish the necessary 'worst case' calculation, the caller has to take into account the number of source bytes to be converted and the nature of the CCSIDs involved (in terms of minimum possible source character width, maximum possible target character width, and possible shift-in/shift-out character sequences, or sub table switch control bytes). Such a 'worst case size' target buffer will prevent the occurrence of the reason code CUN_RS_TRG_EXH (target buffer exhausted).

The following table lists the minimum and maximum character widths of the different encoding schemes:

Table 13. Minimum and maximum character widths of the different encoding schemes

Encoding scheme	ESID	Minimum Character Width	Maximum Character Width	Rationale
SBCS	x1xx	1	1	pure single byte
DBCS and UCS-2	x2xx	2	2	pure double byte
UTF-8	7807	1	4	UTF-8 uses 1 to 4 bytes to encode Unicode characters
PC MBCS	2300 3300	1	2	PC MBCS encodings always use one SBCS and one DBCS code page

Critical cases

Table 13. Minimum and maximum character widths of the different encoding schemes (continued)

Encoding scheme	ESID	Minimum Character Width	Maximum Character Width	Rationale
EUC MBCS	4403	1	2 - 4	EUC encodings use at least one SBCS and at least one DBCS sub code page. If more than two sub code pages are used, shift characters are inserted for characters of the third and fourth sub code page. Then the maximum width is $2 + 1 = 3$. Some EUC encodings use TBCS (triple byte) code pages as the third sub code page (this case is not yet supported). Then the maximum width is $3 + 1 = 4$.
EBCDIC MBCS	1301	1	3	EBCDIC MBCS encodings always use one SBCS and one DBCS sub code page. Because switching between them is done with shift characters the maximum width is $2 + 1 = 3$.
ISO2022 MBCS JP and ISO2022 MBCS JP-1	5404	1	5 - 6	ISO2022 MBCS JP encodings always use at least one SBCS and at least one DBCS sub code page. Most ISO2022-JP encodings use an escape sequence of 4 characters for at least one of the DBCS sub code pages. Thus we get $2 + 4 = 6$. In one case the escape sequence is only 3 characters long. Then we get $2 + 3 = 5$.
ISP2022 MBCS KR	5409	1	6 - 7	ISO2022 MBCS KR encodings always use one or two SBCS sub code pages or one SCBS sub code page and one DBCS sub code page. Furthermore they use one designator sequence of length 4 before the first occurrence of a character of sub code page 2 and shift characters to switch between the sub code pages. Thus we get: $(1 \text{ or } 2) + 4 + 1 = (6 \text{ or } 7)$.
PC Data for GB 18030	2A00	1	4	S-ch PC Data mixed for GB 18030.
QBCS	2900	4	4	S-ch 4 bytes part PC Data for GB 18030 (Fixed UCS2 Subset).

2. do the conversion piece by piece:

Save the target buffer characters already converted. Provide a new target buffer and call the conversion service again without modifying

CUNBCPRM_Src_Buf_Len and CUNBCPRM_Src_Buf_Ptr to make sure that the conversion continues where it has been interrupted. This follow-on step may have to be repeated several times until all source bytes are converted. The completion of the conversion is indicated by return code CUN_RC_OK (Return code=0). Concatenate the individual conversion results to form the complete converted string.

Work buffer overflow

For normalization service, it is strongly recommended that the work buffer have the same size as the target buffer. If not, an error could occur, such as RC=CUN_RC_USER_ERR or RS=CUN_RS_TRG_BUF_SMALL. In this case normalization service would return to the caller.

End of Programming Interface information

Critical cases

Chapter 6. Defining CCSIDs and conversion tables

This chapter describes the steps which must be carried to establish user-defined CCSIDs and conversion tables. Those steps are:

1. define the required CCSIDs in the knowledge base
 - a. specify the entries using the assembler macro CUNAIKBG in a data set
 - b. assemble the source data set and re-link the knowledge base module CUNMIKBS
2. create the required conversion tables
 - a. create a character map of a conversion table by using job CUNJITG1
 - b. create the binary format of a conversion table by using job CUNJITG2
3. modify job CUNJIUTL

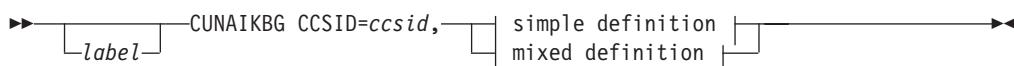
Defining a CCSID in the knowledge base

IBM-supplies a knowledge base module CUNMIKBS that describes all CCSIDs shipped with z/OS support for Unicode. It is a non-executable load module stored in SYS1.LINKLIB and is maintained by PTF when new CCSIDs are introduced. User-defined CCSIDs can be added to this knowledge base using the assembler macro CUNAIKBG which is supplied in SYS1.MACLIB. CUNSIUKB is a sample SMP/E USERMOD to assist this process. It is supplied in SYS1.SAMPLIB.

Now follow the steps (a - b):

(a) Specify the entries using the assembler macro CUNAIKBG in a source data set

The macro CUNAIKBG (supplied in SYS1.MACLIB) accepts the following parameters:



simple definition:

```
|—ES=es,SUFFIX=suffix,CCDEF=ccdef—|
```

ccdef:

```
|—(sp,sub,nl,lf,cr,eof)—|
```

mixed definition:

```
|—ES=es,SUBIDS=sub [ ,ACRI=acri ] —|
```

sub:

Defining CCSIDs and conversion tables



acri:



Notes:

1 specify 2 to 8 sub-ccsids

ccsid The value *ccsid* specifies the user-defined CCSID to be inserted into the knowledge base. *ccsid* is to be specified in decimal form. It is a unique five digit number in the range 57344 - 61439 (this range is reserved for private use). *ccsid* is required.

es The value *es* specifies the encoding scheme identifier. It is a four digit identifier in hexadecimal form. The following encoding schemes are supported:

- simple:
 - SBCS: 1100, 2100, 3100, 4100, 4105, 4155, 5100, 5150, 5160, 6100, 8100
 - DBCS: 1200, 2200, 3200, 5200, 7200, 8200, 9200
 - TBCS: 5700
 - UTF8: 7807
 - QBCS: 2900
- mixed:
 - EBCDIC MBCS: 1301
 - EUC MBCS: 4403
 - PC MBCS: 2300, 3300, 2A00
 - TCP/IP MBCS: 5404, 5409, 540A

For more information about encoding schemes see *Character Data Representation Architecture Reference and Registry*, SC09-2190 (Chapter 3, 'CDRA Identifiers'). Note that the value *es* determines which of the other operands are mandatory or forbidden. *es* is required.

suffix The value *suffix* specifies a two-character alphanumeric identifier to be used in constructing the conversion table name. See Table 14 on page 69. *suffix* is required for simple CCSIDs. It must not be specified for mixed CCSIDs.

ccdef The value *ccdef* specifies the control function definitions. They must be specified within parenthesis, separated by commas in the following order:

1. *sp* (space)
2. *sub* (substitute)
3. *nl* (new line)
4. *lf* (line feed)
5. *cr* (carriage return)
6. *eof* (end of line)

Defining CCSIDs and conversion tables

Those values are indices into the tables described in Appendix C ('Control Character Reference Tables') in *Character Data Representation Architecture Reference and Registry*, SC09-2190. *ccdef* is required for simple CCSIDs. It must not be specified for mixed CCSIDs.

sub	The value <i>sub</i> specifies the list of sub-CCSIDs within parenthesis. The number of sub-CCSIDs must be between two and eight. <i>sub</i> is required for mixed CCSIDs. It must not be specified for simple CCSIDs.
acri	<p>The value <i>acri</i> specifies the type of the 'additional coding-related required information' (ACRI). <i>acri</i> consists of a <i>type</i> and an <i>id</i>. The <i>type</i> can be:</p> <ul style="list-style-type: none">• PC (ACRI information for PC MBCS)• EUC (ACRI information for EUC MBCS)• TCP (ACRI information for 2022 TCP/IP MBCS) <p><i>type</i> must match the type of the encoding scheme.</p> <p>The <i>id</i> is an index into the ACRI tables described in <i>Character Data Representation Architecture Reference and Registry</i>, SC09-2190. (Appendix C. 'ACRI Reference Tables').</p> <p><i>acri</i> is required for mixed CCSID except EBCDIC MBCS. It must not be specified for simple CCSIDs and EBCDIC MBCS.</p>

For an example of how to use macro CUNAIKBG see step (b).

(b) Assemble the source data set and re-link the knowledge base module CUNMIKBS

Because CUNMIKBS is an SMP/E managed load module IBM recommends to modify it by using a SMP/E USERMOD. CUNSIUKB is supplied as a sample in SYS1.SAMPLIB:

```
++USERMOD(UMOD001)
/*********************************************************************
*   Licensed Materials - Property of IBM
*   5694-A01
*   (C) Copyright IBM Corp. 2002
*   Status = HUN7707
*
* Sample USERMOD for building a user-defined knowledge base
*
* CHANGE ACTIVITY
*
*/
.
++VER(Z038) FMID(HUNI2A0).
++JCLIN.
//LINK    EXEC LINKS
//      PARM='NCAL,MAP,LIST,LET,NOXREF,REUS',
//      N=,NAME=LINKLIB
//LINKLIB DD DSN=SYS1.LINKLIB,DISP=SHR
```

Defining CCSIDs and conversion tables

```
//SYSLIN DD *  
  
    ORDER CUNMIKBS  
    ORDER USERKBS  
    ORDER CUNMIEOF  
    MODE AMODE(31),RMODE(ANY)  
    INCLUDE LINKLIB(CUNMIKBS)  
    INCLUDE LINKLIB(USERKBS)  
    ENTRY CUNMIKBS  
    NAME CUNMIKBS(R)  
  
++SRC(USERKBS) DISTLIB(SCUNJCL) DISTMOD(LINKLIB).  
USERKBS CSECT  
USERKBS AMODE 31  
USERKBS RMODE ANY  
*  
    CUNAIKBG CCSID=57344,ES=1100,SUFFIX=AA,CCDEF=(1,1,1,1,1,1)  
    CUNAIKBG CCSID=57345,ES=1200,SUFFIX=BB,CCDEF=(2,2,2,2,2,2)  
    CUNAIKBG CCSID=57346,ES=1301,SUBIDS=(57344,57345)  
*  
    END USERKBS  
/*
```

From this sample you can see how to generate knowledge base entries for a EBCDIC MBCS CCSID and its components. By performing an SMP/E RECEIVE and APPLY the source gets assembled and load module CUNMIKBS is re-linked, containing the user-defined knowledge base CSECT USERKBS.

Notes:

1. do not change the ORDER statements of the link step. CUNMIEOF must be the last CSECT in the load module!
2. Be sure that an SMP/E ACCEPT has been performed for FMID HUNI2A0 before installing the USERMOD. Otherwise you cannot restore the original CUNMIKBS by performing an SMP/E RESTORE!

Creating a conversion table

To create your own conversion table you have to

- a. build a human-readable character map
- b. convert the human-readable map into the binary format

There are two possibilities to create a character map of a user-defined conversion table:

1. you can use an existing conversion table and create a character map out of this. Then you make some changes to the map and finally you convert it back to the binary format or
2. you can type in the complete character map with an editor of your choice and convert it into the binary format.

Because possibility 1. will be the 'normal' way of creating a user-defined table the process is described in more detail below. If you choose possibility 2. then you should anyway read the following paragraphs to understand what has to be recognized while editing the character map.

(a) Build a human-readable character map

A utility is supplied with job CUNJITG1 to build a character map from an existing binary conversion table. The character map looks like that:

Defining CCSIDs and conversion tables

```
%  
% Character map created on 11/09/2000 at 09:54:33  
% by CUNMITG1 Version 2.8.0  
%  
%     Table source: CUNRAAEB  
% Conversion mode: SBCS-SBCS  
% Sub-character: <7F>  
%  
% 00037    00850  
% -----  
  <00>    <00>  
  <01>    <01>  
  <02>    <02>  
  <03>    <03>  
  <04>    <DC>  
 ...
```

Each code point that maps to a target character different than the substitution character is listed in the character map. The mapping can now be changed by editing the values within the '<' and '>' signs. You can also add or delete lines from the character map. Do not change the lengths of the values! Those must match the length defined by the encoding scheme of the knowledge base entry! Each code point must be mapped in exactly one separate line!

Note that the '%' sign in the first column indicates a comment line. These comment lines contain information from the knowledge base. You can add, change or delete comment lines as desired. You also can add comments at the end of each mapping line.

The following is an example of job CUNJITG1. It shows how to create a character map from the IBM-supplied conversion table from CCSIDs 00037 to 00850 with roundtrip technique. According to Table 14 on page 69 member CUNRAAEB is selected from data set UNI.SCUNTBL. The character map is created in member MAP0AAEB of data set UNI.CHARMAP:

```
//UNITG1   JOB (ACCOUNT),'UNICODE-INST',NOTIFY=&SYUID,  
// MSGCLASS=X,MSGLEVEL=(1,1),TIME=60,CLASS=A,  
// REGION=OM  
//CUNMITG1 EXEC PGM=CUNMITG1,PARM='00037,00850,R'  
//TABIN    DD   DISP=SHR,DSN=UNI.SCUNTBL  
//CHAROUT  DD   DISP=SHR,DSN=UNI.CHARMAP(MAP0AAEB)  
//SYSPRINT DD   SYSOUT=*
```

Required parameters for job CUNJITG1 are:

- PARM='from-ccsid,to-ccsid,technique' on the EXEC card where

from-ccsid

is the source CCSID of the conversion

to-ccsid

is the target CCSID of the conversion

technique

is one specific technique character as described in "Control statement CONVERSION" on page 14.

Note: Both from-ccsid and to-ccsid must be defined in the knowledge base. CCSID 1200 is not resolved as described in "Control statement CONVERSION" on page 14. You have to specify a distinct UCS-2 CCSID instead of 1200. You must specify a distinct technique character. A technique-search-order is not supported here.

Defining CCSIDs and conversion tables

- //TABIN DD: specifies the concatenation of partitioned datasets that hold the binary tables. These datasets must be in FB 256 format.
- //CHAROUT DD: specifies the data set which holds the created character map. This must be a sequential dataset in FB 80 format.
- //SYSPRINT DD: specifies the data set to hold the messages issued by the utility.

You can now make your changes to the character map MAP0AAEB and then go on with step (b)

(b) Convert the human-readable character map into the binary format

Use job CUNJITG2 to convert the (changed) character map back to the binary format required as input to the image generator. The following is an example that shows how to create a user-defined conversion table from the character map MAP0AAEB created in step (a). According to Table 14 on page 69 member CUN0AAEB is created in the private dataset UNI.USERTBL:

```
//UNITG2   JOB (ACCOUNT),'UNICODE-INST',NOTIFY=&SYSUID,  
// MSGCLASS=X,MSGLEVEL=(1,1),TIME=60,CLASS=A,  
// REGION=0M  
//CUNMITG2 EXEC PGM=CUNMITG2,PARM='57344,00850,0'  
//CHARIN   DD   DISP=SHR,DSN=UNI.CHARMAP(MAP0AAEB)  
//TABOUT   DD   DISP=SHR,DSN=UNI.USERTBL  
//SYSPRINT DD   SYSOUT=*
```

Required parameters for job CUNJITG2 are:

- PARM='from-ccsid,to-ccsid,technique' on the EXEC card where

from-ccsid

is the source CCSID of the conversion

to-ccsid

is the target CCSID of the conversion

technique

is one specific technique character as described in "Control statement CONVERSION" on page 14. Use the range 0-9 instead of IBM's technique characters which are alphabetic. This avoids conflicts in the names of the conversion tables.

Note: Both from-ccsid and to-ccsid must be defined in the knowledge base. CCSID 1200 is not resolved as described in "Control statement CONVERSION" on page 14. You have to specify a distinct UCS-2 CCSID instead of 1200. You must specify a distinct technique character. A technique-search-order is not supported here.

- //CHARIN DD: specifies the sequential data set which holds the modified character map. This must be in FB 80 format. Note that columns 73 to 80 are ignored!
- //TABOUT DD: specifies the partitioned dataset that holds the generated binary table. This must be a single dataset in FB 256 format.
- //SYSPRINT DD: specifies the data set to hold the messages issued by the utility.

Note that the substitution character is assigned to each code point that is not explicitly listed in the character map.

Modify job CUNJIUTL

Now a new conversion image can be generated that contains user-defined conversions . To do this the job CUNJIUTL must be modified.

The image generator searches the //TABIN DD statement of job CUNJIUTL for the required conversion tables. Each table is identified by its member name, in the form CUNtaabb.

Table 14. Naming conventions of conversion tables

part of CUNtaabb	description
t	is the <i>technique</i> character in the range R, E, C, L, M, or 0 - 9.
aa	is the suffix from the knowledge base entry representing the user-defined From-CCSID. The range is alphanumeric..
bb	is the suffix from the knowledge base entry representing the user-defined To-CCSID. The range is alphanumeric.

The partitioned data set SCUNTBL contains the IBM-supplied conversion tables. It is possible to add your own conversion tables. IBM recommends to use a separate partitioned data set where you put in your conversion tables as members. The data set must be in FB 256 format.

Concatenate the partitioned data set that holds the user-defined tables to //TABIN DD. Specify the appropriate CONVERSION control statements in job CUNJIUTL. The following example of job CUNJIUTL shows the valid usage of the user-defined CCSID 57344 and the user-defined conversiontable between CCSIDs 57344 and 850 created by the previous samples:

```
//UNIUTL JOB (ACCOUNT),'UNICODE-INST',NOTIFY=&SYSUID,
// MSGCLASS=X,MSGLEVEL=(1,1),TIME=60,CLASS=A,
// REGION=OM
//CUNMIUTL EXEC PGM=CUNMIUTL
//SYSPRINT DD SYSOUT=*
/* SYSIMG must be a FB 80 dataset *****/
//SYSIMG DD DISP=SHR,DSN=UNI.IMAGES(CUNIMG01)
//TABIN DD DISP=SHR,DSN=UNI.SCUNTBL
//          DD DISP=SHR,DSN=UNI.USERTBL
//SYSIN DD *
*****/*
/* example of input statements */
*****/
CONVERSION 57344, /* src is user-defined 57344 */
           850, /* tgt is IBM-supplied 850 */
           0; /* 0 is user technique char */
/*

```

Defining CCSIDs and conversion tables

Chapter 7. Problem determination

This chapter includes information needed for problem determination.

Installation

Solution to problems occurring during installation are explained in z/OS Planning for Installation, GA22-7504-03.

Problems during IPL or SET UNI command processing

Message CUN2003S

If message CUN2003S is issued, look at preceding messages describing the reason for the problem. An additional IPL is required after the problem is fixed to establish z/OS Unicode support (message CUN2003S appears if the conversion environment can't be established). After CUN2003S message CUN2002W is issued to give the possibility to stop the IPL.

Message CUN2004S

If message CUN2005S is issued, look at preceding messages describing the reason for the problem. The IPL can be continued (message CUN2004S appears when problems with the parmlib member or the conversion image occur) but an conversion environment is established without conversion tables being available. After fixing the problems, the environment can be loaded with the SET UNI command. Applications using conversion services will fail until the conversion environment has been successfully initialized. After CUN2004S message CUN2002W is issued to give the possibility to stop the IPL.

Message CUN2002W

If an error occurs initializing z/OS support for Unicode during IPL, the IPL will be stopped and message CUN2002W is issued. There are two possibilities to react:

1. Reply '00' to this message or hit the ENTER key. Then the IPL will continue with restrictions to conversion services. The problem can be fixed locally.
2. Shutdown the system or leave it waiting. Fix the problem from a different system and then re-IPL. This is recommended in a sysplex environment.

In case the z/OS system is a member in a sysplex, you should be aware that at this phase in the IPL, the system has already joined the sysplex and therefore lock contention can occur.

Message CUN2029S

If message CUN2029S is issued, during processing of the SET UNI or DISPLAY UNI command, do the following:

- check for message CUN2003S in the syslog at IPL time. Also look for preceding error messages. These may give a reason for the problem.
- verify that the steps described in Chapter 3, "Creating the conversion environment" on page 11 have been done correctly.

Message CUN2011E

If message CUN2011E appears, the creation of a data space has failed with the reported return and reason code. If the return code is '0C' and reason code

Problem determination

'xx0006xx', then check the parameter MAXCAD in IEASYSxx. The conversion services of z/OS support for Unicode will create two data spaces of type COMMON. The number of these data spaces in a system is restricted by parameter MAXCAD in IEASYSxx. If MAXCAD is not specified, the default value of 25 will be used. If this problem occurs, you need to increase the value by two. For details see *z/OS MVS Initialization and Tuning Reference*, SA22-7591.

Abend '0E0' reason code '29' or '2A'

This indicates that the data space was deleted by the operator while it was used by a (long running) conversion call.

Operator Action: Restart the abended application. Increase the wait between issuing a SET UNI command with keyword IMAGE and deleting the old environment.

Appendix A. Commands

The z/OS support for Unicode commands are the **SET UNI** and the **DISPLAY UNI** command. For syntax definitions, refer to "Syntax diagrams" on page xiii.

SET UNI command

Purpose

The **SET UNI** command changes the conversion environment when the system is already up and running.

Format



Parameters

xx is the suffix of the parmlib member CUNUNIx*xx*.

There are two different types of parmlib members to be selected. One parmlib member covers the information to load an appropriate conversion image (keyword IMAGE and REALSTORAGE). The other type of parmlib member is needed for deleting an inactive conversion environment. For further information on the parmlib members, see "Creating parmlib member CUNUNIx*xx*" on page 24.

Usage

Activating a conversion environment:

You want to issue a SET UNI command to activate a conversion environment. Assume the following scenario:

- Data set 'USER.PARMLIB' is in the logical parmlib concatenation (defined in loadxx)
- SYS1.PARMLIB(CUNUNI04) contains following lines:
REALSTORAGE 0;
IMAGE CUNUNI#H;
- The image is USER.PARMLIB(CUNUNI#H)

Then, the command

SET UNI=04

has the following output:

SET UNI command

```
IEE252I MEMBER CUNUNI04 FOUND IN SYS1.PARMLIB  
CUN2020I START LOADING CONVERSION IMAGE CUNIMG#H ...  
IEE252I MEMBER CUNIMG#H FOUND IN USER.PARMLIB  
CUN2022I LOADING CONVERSION IMAGE CUNIMG#H FINISHED: 1462316 BYTE LOADED  
CUN2034I SET UNI SUCCESSFULLY EXECUTED  
IEE536I UNI      VALUE 04 NOW IN EFFECT
```

You can also use the SET UNI command in this way:

```
SET UNI=(01,02)
```

In this example SYS1.PARMLIB(CUNUNI01) contains the following line:

```
REALSTORAGE 0;
```

and SYS1.PARMLIB(CUNUNI02) contains

```
IMAGE CUNUNI#H;
```

The contents of the parmlib members may be exchanged.

Deleting an inactive conversion environment:

You want to issue a SET UNI command to delete an inactive conversion environment. Assume the following scenario:

- Issue a DISPLAY UNI command

```
DISPLAY UNI,ALL
```

and look for the INACTIVE parameter in section ENVIRONMENT. For example, the output of the DISPLAY UNI command looks like this:

```
CUN3000I 09.21.59 UNI DISPLAY 534  
ENVIRONMENT: CREATED 07/05/2000 AT 16.42.29  
MODIFIED 07/05/2000 AT 17.43.05  
IMAGE CREATED 07/05/2000 AT 17.11.22  
SERVICE: CHARACTER NORMALIZATION CASE  
STORAGE: ACTIVE 356 PAGES  
INACTIVE 453 PAGES SINCE 07/05/2000 AT 17.43.05  
LIMIT 524287 PAGES  
CASECONV: NORMAL  
NORMSERV: DISABLED  
CONVERSION: 01047-00850-R 00850-01047-R  
01047-13488-R 13488-01047-E
```

- SYS1.PARMLIB(CUNUNI05) contains following lines:

```
DELETE INACTIVE
```

Then, the command

```
SET UNI=05
```

has the following output:

```

SET UNI=05
IEE252I MEMBER CUNUNI05 FOUND IN SYS1.PARMLIB
*69 CUN2036I INACTIVE CONVERSION ENVIRONMENT (UNICODE2) WILL BE DELETED.
ARE YOU SURE? (Y/N)
R 69,Y
IEE600I REPLY TO 69 IS;
CUN2038I INACTIVE CONVERSION ENVIRONMENT (UNICODE2)
WAS SUCCESSFULLY DELETED
CUN2034I SET UNI COMMAND SUCCESSFULLY EXECUTED
IEE536I UNI      VALUE 05 NOW IN EFFECT

```

The result of the SET UNI command can be verified with the DISPLAY UNI command. The command

DISPLAY UNI,ENV,STOR

should show no INACTIVE parameter in the STORAGE section.

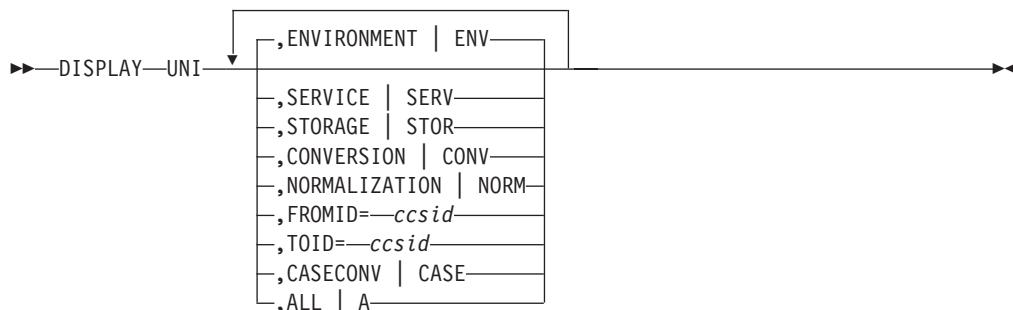
Note: The keywords DELETE and INACTIVE have to be specified together in one parmlib member. They can not be separated like the keywords IMAGE and REALSTORAGE. For further information, see “Creating parmlib member CUNUNIx” on page 24 and “Samples for parmlib member CUNUNIx” on page 109.

DISPLAY UNI command

Purpose

The **DISPLAY UNI** command shows the status of available conversions and whether the conversion services are already initialized or not.

Format



Parameters

ENVIRONMENT

displays three time stamps, the first time stamp shows when the conversion environment was created, the second when the last change were made with the SET UNI command and the third when the active image was created. If all three time stamps are equal, no active image could be loaded. In that case check your system log for Unicode error messages during IPL. For further information see “Message CUN2002W” on page 71.

DISPLAY UNI command

SERVICE

gives the status of available conversion services.

STORAGE

shows the active and inactive conversion table data space and its limit. The inactive data space pages only appear when an inactive data space exists.

CONVERSION

displays the supported character conversion services.

NORMALIZATION

displays if normalization service is enabled or disabled.

FROMID=*ccsid*

displays only the conversions with the specified From-CCSID (related to control statement CONVERSION, see "Control statement CONVERSION" on page 14).

TOID=*ccsid*

displays only the conversions with the specified To-CCSID (related to control statement CONVERSION, see "Control statement CONVERSION" on page 14).

CASECONV

displays the supported case conversion services.

ALL displays a summary of all the above mentioned keywords.

Usage

The command

DISPLAY UNI,ALL

has the following output:

```
SY1 CUN3000I 09.18.47 UNI DISPLAY 394
ENVIRONMENT: CREATED      05/16/2002 AT 09.02.30
              MODIFIED     05/16/2002 AT 09.02.33
              IMAGE CREATED 05/08/2002 AT 17.20.58
SERVICE: CHARACTER      NORMALIZATION CASE
STORAGE: ACTIVE        1070 PAGES
          LIMIT          524287 PAGES
CASECONV: NORMAL SPECIAL LOCALE
NORMSERV: ENABLED
CONVERSION: 00850-01047-      01047-00850-
            13488-01047-      01047-13488-
            01208-13488-      13488-01208-
            13488-01383-      01383-13488-
            13488-00932-      00932-13488-
            13488-00939-      00939-13488-
            00300-13488-      13488-00300-
            00933-00949-      00949-00933-
            00500-01208-      01208-00500-
            01388-01200-      01200-01388-
            05488-01200-      01200-05488-
            05488-01388-      01388-05488-
            01392-01200-      01200-01392-
            01392-05488-      05488-01392-
```

DISPLAY UNI command

The output of the DISPLAY UNI command is described in the following table:

Section in DISPLAY UNI,ALL command	Description	related to keyword in DISPLAY UNI command
ENVIRONMENT CREATED	displays when the conversion environment was created	VERSION or ALL
ENVIRONMENT MODIFIED	displays when the conversion environment was latest modified	VERSION or ALL
ENVIRONMENT IMAGE CREATED	displays when the active image was created.	VERSION or ALL
SERVICE	lists by name the services which can be used	SERVICE or ALL
STORAGE ACTIVE	displays the number of pages currently used in the active data space	STORAGE or ALL
STORAGE INACTIVE	displays the number of pages currently used in the inactive data space. This line is not shown if no inactive data space is available.	STORAGE or ALL
STORAGE LIMIT	lists the possible page limit	STORAGE or ALL
CONVERSION	lists the supported conversions in the active environment. (i the form <i>from_CCSID-to_CCSID-technique-search-order</i>). When no conversions are available, 'NO CONVERSIONS FOUND' is displayed (see below).	CONVERSION or ALL or FROMID and TOID
CASECONV	lists the supported case conversions. If basic case conversion is provided that allow to convert Unicode characters to their upper case equivalent or their lower case equivalent, you will see the word 'NORMAL'. If this service is missing, you will see the word 'NONE'.	CASECONV or ALL
NORMSERV	lists if normalization services are enabled on the active image. You will see the word "ENABLED" or "DISABLED" to identify if the service is available or not.	NORMALIZATION or NORM

If no active conversions are available, you will get the following output when using command

DISPLAY UNI command

```
DISPLAY UNI,ALL
```

```
CUN3000I 11.00.39 UNI DISPLAY 716
ENVIRONMENT: CREATED 08/01/2000 AT 15.18.47
              MODIFIED 08/07/2000 AT 15.18.47
SERVICE: CHARACTER      NORMALIZATION CASE
STORAGE: ACTIVE          1 PAGES
          LIMIT          123456 PAGES
CASECONV: NONE
NORMSERV: DISABLED
CONVERSION: NO CONVERSIONS FOUND
```

If no active conversion environment is available, you will get the message 'CUN2029S'. If this message appears, refer to Chapter 3, "Creating the conversion environment" on page 11 to activate the conversion environment.

Appendix B. MBCS conversions

This chapter describes information about the conversion of a MBCS CCSID.

Internal handling of MBCS conversions

Whenever a MBCS CCSID is specified for a conversion, z/OS support for Unicode decomposes the MBCS CCSID into its SBCS and DBCS parts. There is no single MBCS table provided for MBCS conversions.

As an example, if conversion from CCSID 939 to CCSID 13488 is specified, the MBCS CCSID 939 will be decomposed into the following sub CCSIDs:

- CCSID 1027 used for SBCS data in the input character stream
- CCSID 300 used for DBCS data in the input character stream

These CCSIDs are selected according to a predefined list. You find this list including all possible decompositions of MBCS CCSIDs in "Summary of CCSIDs used in MBCS conversions" on page 81.

In the example, the conversion service switches between the SBCS table and the DBCS table when a shift character is in the data stream.

The graphic Figure 1 on page 80 illustrates this method.

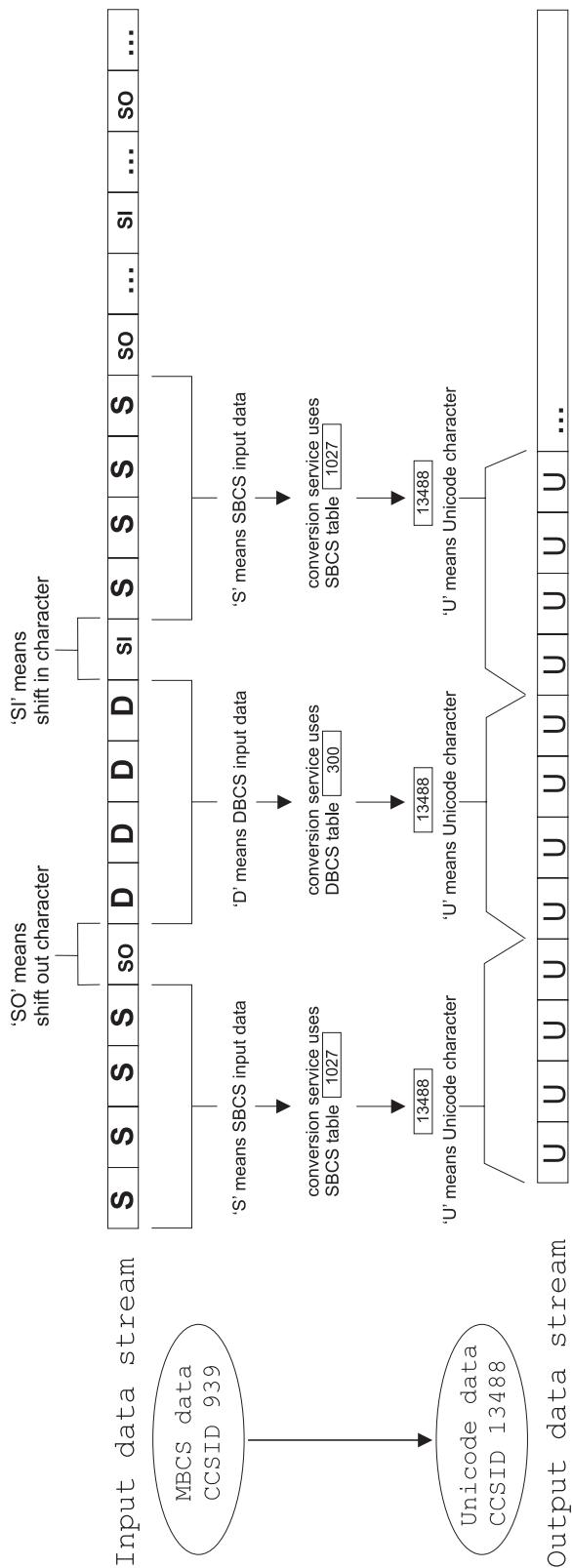


Figure 1. Conversion of MBCS data to Unicode characters

Shift characters in the input character stream specify if the following data represents SBCS or DBCS characters. In this example, 'Shift out' character means that DBCS data will follow. 'Shift in' character announces that SBCS data comes again. Thus, the conversion service switches between the SBCS table and the DBCS table. (In Figure 1 on page 80 the 'shift out' character is indicated by **SO** and the 'shift in' character by **SI**).

The image generator selects one table that handles the SBCS part (CCSID 1027 to CCSID 13488) and another table which handles the DBCS part (CCSID 300 to CCSID 13488). The selection depends on the specified *technique-search-order* characters and the availability of the appropriate conversion tables.

For more information on how MBCS CCSIDs are composed, also refer to *Character Data Representation Architecture Reference and Registry*, SC09-2190 (Appendix C 'CCSID Tables').

Summary of CCSIDs used in MBCS conversions

The following lists show all MBCS CCSIDs that GCoC creates, and how z/OS support for Unicode decomposes a MBCS CCSID into multiple CCSIDs (sub components). Not all CCSIDs are supported by z/OS support for Unicode. For further information, refer to Appendix H. MBCS Supported for Unicode.

MBCS CCSID	CCSIDs used after MBCS decomposition			
00930	00290	00300		
00931	08229	00300		
00932	00897	00301		
00933	00833	00834		
00934	00891	00926		
00935	00836	00837		
00936	00903	00928		
00937	28709	00835		
00938	00904	00927		
00939	01027	00300		
00942	01041	00301		
00943	13185	00941		
00944	01040	00926		
00946	01042	00928		
00948	01043	00927		
00949	01088	00951		
00950	01114	00947		
00954	00895	00952	04992	00953
00956	00895	13240	00896	21433
00957	00895	00955	00896	05049
00958	00367	13240	00896	21433
00959	00367	00955	00896	05049
00964	00367	00960	00961	
00965	00367	00960	00963	
00966	00367	05056	00963	05478
00970	00367	00971		
01279	?????	?????		
01350	00367	05048	00896	05049
01363	01126	01362		
01364	13121	04930		
01370	05210	21427		
01371	01159	09027		
01381	01115	01380		
01383	00367	01382		
01386	05210	01385		
01388	13124	04933		
01390	08482	16684		

01392	09444	09577	01391
01394	13185	01393	
01399	05123	16684	
05026	00290	04396	
05028	04993	00301	
05029	04929	00834	
05031	04932	00837	
05033	08229	00835	
05035	01027	04396	
05038	01041	08493	
05039	01041	05037	
05045	01088	05047	
05046	01114	05043	
05050	00895	00952	00896 09145
05052	00895	13240	00896 21433
05053	00895	00955	00896 05049
05054	00367	13240	00896 21433
05055	00367	00955	00896 05049
05060	00367	00960	05057
05061	00367	05056	00963
05066	00367	05067	
05459	05222	05458	
05460	00833	17218	
05477	05211	01380	
05479	00367	05478	
05482	01114	05481	
05484	00836	09029	
05488	01114	09577	05487
09122	04386	00300	
09124	09089	00301	
09125	09025	09026	
09127	09028	00837	
09131	01027	12588	
09135	00897	09133	
09142	01114	09139	
09146	00895	00952	00896 00953
09148	00367	00895	00955 17336
09555	05222	09554	
09575	00367	05478	
09580			
13218	04386	04396	
13219	08229	04396	
13221	09025	?????	
13223	09028	?????	
13231	00897	17325	
13238	01114	13235	
13242	00895	05048	00896 05049
13651	05222	13650	
13671	00367	05478	
17314	00290	12588	
17317	09025	13122	
17354	00367	00971	
21450	00367	05067	
25508	25473	24877	
25510	25467	25502	
25512	25479	25504	
25514	25480	25503	
25518	25617	24877	
25520	25616	25502	
25522	25618	25504	
25524	25619	25503	
25525	25664	25527	
25546	00367	09163	
29614	29713	24877	
29616	29712	25502	
29618	29714	25504	
29620	29715	25503	

29621	29760	25527
33698	33058	04396
33699	32805	04396
33700	33665	24877
33717	25664	29623
33722	00895	00952 04992 09145
37796	37761	24877
37813	29760	29623
57345	00367	00895 00896 05049 00955

Appendix C. Messages

This chapter includes z/OS support for Unicode messages.

CUN1001 product VERSION version

Explanation: This message identifies the version of the product.

product product name

version version of the product

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

rc return code

System Action: Processing terminates.

Operator Response: Check that a valid DD card has been supplied and that the data set is valid.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1001I PROCESSING STARTED ON *datemdy4* AT *timehmsp*

Explanation: The image generator is initialized and ready to process input statements.

datemdy4
date when processing has started

timehmsp
time when processing has started

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1004E ERROR OCCURRED DURING READ PROCESSING FOR *ddname* RC= *rc*

Explanation: An error is encountered while attempting to read from the specified *ddname*.

ddname
name of the DD statement that failed read processing

rc return code

System Action: Processing terminates.

Operator Response: Check that a valid DD card has been supplied and that the data set is valid. Also check for further I/O error messages indicating a hardware problem.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1002I PROCESSING ENDED. HIGHEST RETURN CODE WAS *rc*

Explanation: The image generator has completed processing the input statements.

rc highest return code

System Action: Processing ends normally.

Operator Response: Check the output and return code for warnings or errors.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1005E ERROR OCCURRED DURING WRITE PROCESSING FOR *ddname* RC= *rc*

Explanation: The image generator encountered an error while attempting to write to the specified *ddname*.

ddname
name of the DD statement that failed write processing

rc return code

System Action: Processing terminates.

Operator Response: Check that a valid DD card has been supplied and that the data set is valid. Also check for further I/O error messages indicating a hardware problem.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1003E ERROR OCCURRED DURING OPEN PROCESSING FOR *ddname* RC= *rc*

Explanation: An error is encountered while attempting to open the specified *ddname*.

ddname
name of the DD statement that failed to be opened

Messages from z/OS support for Unicode

CUN1006E ERROR OCCURRED DURING CLOSE PROCESSING FOR *ddname* RC= *rc*

Explanation: An error is encountered while attempting to close the specified *ddname*.

ddname

name of the DD statement that failed close processing

rc return code

System Action: Processing terminates.

Operator Response: Check that a valid DD card has been supplied and that the data set is valid.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1007E ERROR OCCURRED OBTAINING TEMPORARY WORK STORAGE RC= *rc*

Explanation: The image generator encountered an error while obtaining storage for internal work areas.

rc return code

System Action: Processing terminates.

Operator Response: Increase the region size and rerun the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1008E ERROR OCCURRED RELEASING TEMPORARY WORK STORAGE RC= *rc*

Explanation: The image generator encountered an error while releasing storage from internal work areas.

rc return code

System Action: Processing terminates.

Operator Response: Increase the region size and rerun the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1009E ERROR OCCURRED DURING CREATE DATASPACE PROCESSING RC= *rc* RS= *rs*

Explanation: An error is encountered while trying to create a private data space.

rc return code from DSPSERV

rs reason code from DSPSERV

System Action: Processing terminates.

Operator Response: Check DSPSERV return and reason codes.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1010E ERROR OCCURRED DURING ADD DATASPACE ALET PROCESSING RC= *rc* RS= *rs*

Explanation: An error is encountered during ALESERV ADD processing.

rc return code from ALESERV ADD

rs reason code from ALESERV ADD

System Action: Processing terminates.

Operator Response: Check ALESERV ADD return and reason codes.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1011E ERROR OCCURRED DURING DELETE DATASPACE PROCESSING RC= *rc* RS= *rs*

Explanation: An error is encountered while trying to delete a private data space

rc return code from DSPSERV

rs reason code from DSPSERV

System Action: Processing terminates.

Operator Response: Check DSPSERV return and reason codes.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1012E ERROR LOCATING TABLE: *tablename*

Explanation: The specified table was not found in the TABIN dataset(s). The system continues in validation mode. No image will be generated.

tablename

table name that is searched on the TABIN DD statement

System Action: Processing continues.

Operator Response: Supply the required table or amend the conversion request.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

Messages from z/OS support for Unicode

CUN1013E IMAGE GENERATION ERROR:
HEADER EYECATCHER = *eye1*
TRAILER EYECATCHER= *eye2* IMAGE
SIZE = *size*

Explanation: An attempt has been made to generate an image larger than the supported maximum size. The image has been overwritten in a wrap-around.

eye1 eyecatcher found in the header

eye2 eyecatcher found in the trailer

size size of the image

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Check the SYSIN control statements.

source: image generator for z/OS support for Unicode

CUN1014I INPUT READ *recnt* RECORDS

Explanation: This message identifies the number of records read from SYSIN DD.

recnt number of records read from SYSIN

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1015I STATEMENTS PROCESSED *cnt*

Explanation: This message identifies the number of statements found in SYSIN DD.

cnt number of statements found in SYSIN

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1016I STATEMENTS FLAGGED *cnt*

Explanation: This message identifies the number of statements in error found in SYSIN DD.

cnt number of statements that are flagged with an error

System Action: Processing continues

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1017I GENERATED IMAGE SIZE *size* PAGES

Explanation: This message identifies the size in 4k pages occupied by the image.

size size of the generated image in pages

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1018E ERROR DURING CCSID VALIDATION.
CCSID ' *ccsid* ' NOT FOUND

Explanation: The requested CCSID is not supported in the knowledge base. The system continues in validation mode. No image will be generated.

ccsid missing CCSID

System Action: Processing continues.

Operator Response: Remove or amend the conversion request.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

**CUN1019E ERROR DURING CONVERSION
PROCESSING. MAXIMUM OF *max*
CONVERSION TABLES EXCEEDED**

Explanation: The maximum number of supported conversion tables has been exceeded.

max maximum number of supported conversion tables

System Action: Processing terminates.

Operator Response: Review the number of CONVERSION statements provided in SYSIN DD and rerun the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

**CUN1020E ERROR DURING CONVERSION
PROCESSING. MAXIMUM OF *max*
TOP-LEVEL CONVERSATIONS
EXCEEDED**

Explanation: The maximum number of supported CONVERSION statements has been exceeded.

max number of supported CONVERSION statements

System Action: Processing terminates.

Operator Response: Review the number of CONVERSION statements provided in SYSIN DD and rerun the job.

Messages from z/OS support for Unicode

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1021E ERROR DURING CONVERSION PROCESSING. MAXIMUM OF *max* SUB_LEVEL CONVERSIONS EXCEEDED

Explanation: The maximum number of supported sub-conversions has been exceeded.

max maximum number of supported sub-level conversions

System Action: Processing terminates.

Operator Response: Review the number of CONVERSION statements provided in SYSIN DD and rerun the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1022E ERROR DURING CASE PROCESSING. INVALID MODE '*mode*'

Explanation: The mode specified on the CASE statement is not supported. Valid modes are: 'NORMAL' - creates tables for normal casing

mode invalid case conversion mode

System Action: Processing continues.

Operator Response: Correct the CASE statement and resubmit the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1023E ERROR DURING CCSID VALIDATION. INVALID CCSID '*ccsid*'

Explanation: A valid CCSID is a decimal number from 1 to 65535. The system continues in validation mode. No image will be generated.

ccsid invalid CCSID

System Action: Processing continues.

Operator Response: Correct the CCSID and resubmit the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1024E ERROR DURING CCSID VALIDATION. BOTH CCSIDS ARE 1200

Explanation: Conversion from and to CCSID 1200 is not supported. The system continues in validation mode. No image will be generated.

System Action: Processing continues.

Operator Response: Correct the CONVERSION statement and resubmit the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1025E ERROR DURING CONVERSION PROCESSING. INVALID TSO '*tso*'

Explanation: The Technique Search Order may specify up to eight characters. The possible values are: R - round trip E - enforced subset C - customized subset L - LE behavior M - modified LE behavior 0-9 - user tables The system continues in validation mode. No image will be generated.

tso technique search order

System Action: Processing continues.

Operator Response: Correct the technique search order and resubmit the job.

System Programmer Response: None.

source: image generator for z/OS support for Unicode

CUN1026E ERROR LOCATING DD STATEMENT: *ddname*

Explanation: The named DD statement is required but missing in the image generator jcl. Required DD statements are: - SYSIN - TABIN - SYSIMG

ddname name of the DD statement that is missing

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Add the required DD statement and resubmit the job.

source: image generator for z/OS support for Unicode

CUN1027W DUPLICATE CONVERION STATEMENT

Explanation: The CONVERSION statement is specified exactly as a previous one and therefore it is ignored.

System Action: Processing continues.

Operator Response: None.

System Programmer Response: Verify that this is acceptable. If not, change the input control statements and resubmit the job.

source: image generator for z/OS support for Unicode

**CUN1028I NO TABLE FOUND FOR CONVERSION
from - to - tso . GENERATING A
FORCED INDIRECT CONVERSION**

Explanation: A CONVERSION statement is processed for which in general a direct conversion is supported. However, a required conversion table could not be found. Therefore the processing is interrupted and a forced indirect conversion is created instead.

from From-CCSID
to To-CCSID
tso technique search order

System Action: Processing continues.

Operator Response: None.

System Programmer Response: Verify that this is acceptable. If not, change the input control statements and resubmit the job.

source: image generator for z/OS support for Unicode

**CUN1029E ERROR OCCURRED DURING DELETE
DATASPACE ALET PROCESSING RC=
rc RS= rs**

Explanation: An error during ALESERV DELETE processing is encountered.

rc return code from ALESERV DELETE
rs reason code from ALESERV DELETE

System Action: Processing terminates.

Operator Response: Check ALESERV DELETE return and reason codes.

System Programmer Response: None.

source: image generator for z/OS support for Unicode CUNMIMAP

CUN1031W DUPLICATE NORMALIZE STATEMENT

Explanation: The NORMALIZE statement is specified exactly as a previous one, and therefore, is ignored.

System Action: Processing continues.

Operator Response: None.

System Programmer Response: Verify that this is acceptable. If not, change the input control statements and resubmit the job

source: image generator for z/OS support for Unicode CUNMIMAP

**CUN1100E ERROR DURING PARAMETER CHECK.
ONLY SBCS AND DBCS CCSIDS ARE
SUPPORTED**

Explanation: User-defined tables are only supported for conversions between SBCS or DBCS CCSIDs.

Messages from z/OS support for Unicode

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Verify both the from- and to-ccsid to be either SBCS or DBCS.

source: User support

CUN1101E ERROR DURING COMPRESSING

Explanation: Conversion tables from DBCS to either SBCS or DBCS are stored in a compressed format. The data of the conversion table can not be compressed successfully.

System Action: Processing terminates.

Operator Response: none.

System Programmer Response: Contact your IBM representative.

source: User support

CUN1102I INPUT READ *recnt* RECORDS

Explanation: This message identifies the number of records read from CHARIN DD.

recnt number of records read from CHARIN

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: User support

CUN1103I OUTPUT WRITTEN *recnt* RECORDS

Explanation: This message identifies the number of records written to TABOUT DD.

recnt number of records written to TABOUT

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: User support

**CUN1104E ERROR IN COLUMN *col* . INVALID HEX
DATA**

Explanation: Invalid data was found at the specified column. Valid data is hexadecimal data of the correct length enclosed in '<' and '>' signs. The length depends on the character width of the source respectively the target CCSID.

col column in which the error was detected

System Action: Processing terminates.

Operator Response: None.

Messages from z/OS support for Unicode

System Programmer Response: Correct the hexadecimal data.

source: User support

CUN1105E ERROR IN COLUMN *col* . < EXPECTED

Explanation: a '<' sign was expected in the specified column to start hexadecimal data.

col column in which the error was detected

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Correct the hexadecimal data.

source: User support

CUN1106E ERROR IN COLUMN *col* . > EXPECTED

Explanation: a '>' sign was expected in the specified column to terminate the hexadecimal data.

col column in which the error was detected

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Correct the hexadecimal data.

source: User support

CUN1107E ERROR DURING DYNAMIC ALLOCATION. RC= *rc* EC= *errcode* INFO= *info*

Explanation: The dynamic allocation of the output member in the PDS allocated to TABOUT failed.

rc return code from SVC99

errcode error code from SVC99

info info code from SVC99

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Guide*, SA22-7608, (chapter 'Interpreting DYNALLOC Return Codes'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Check that TABOUT DD specifies a usable PDS to hold the generated conversion table.

source: User support

CUN1108E ERROR DURING DYNAMIC QUERY. RC= *rc* EC= *errcode* INFO= *info*

Explanation: The dynamic query of the dataset name allocated to TABOUT DD failed.

rc return code from SVC99

errcode error code from SVC99

info info code from SVC99

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Guide*, SA22-7608, (chapter 'Interpreting DYNALLOC Return Codes'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Check that TABOUT DD specifies a usable PDS to hold the generated conversion table.

source: User support

CUN1109E ERROR DURING DYNAMIC DEALLOCATION. RC= *rc* EC= *errcode* INFO= *info*

Explanation: The dynamic deallocation of the output member in the PDS allocated to TABOUT failed.

rc return code from SVC99

errcode error code from SVC99

info info code from SVC99

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Guide*, SA22-7608, (chapter 'Interpreting DYNALLOC Return Codes'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Check that TABOUT DD specifies a usable PDS to hold the generated conversion table.

source: User support

CUN1110E ERROR DURING PARAMETER CHECK. INVALID FROM-CCSID

Explanation: The from-CCSID specified is missing or invalid. A valid CCSID is numeric and in the range from 1 to 65535.

System Action: Processing terminates.

Operator Response: none.

Messages from z/OS support for Unicode

System Programmer Response: Specify a valid from-CCSID.

source: User support

CUN1111E ERROR DURING PARAMETER CHECK. INVALID TO-CCSID

Explanation: The to-CCSID specified is missing or invalid. A valid CCSID is numeric and in the range from 1 to 65535.

System Action: Processing terminates.

Operator Response: none.

System Programmer Response: Specify a valid to-CCSID.

source: User support

CUN1112E ERROR DURING PARAMETER CHECK. INVALID TECHNIQUE CHARACTER

Explanation: The technique character specified is missing or invalid. A valid technique character is one of R,E,C,L,M or 0-9.

System Action: Processing terminates.

Operator Response: none.

System Programmer Response: Specify a valid technique character.

source: User support

CUN1200E LOAD OF MODULE *modname* FAILED (RC= *retcode* , RS= *rscode*)

Explanation: The system cannot load module *modname*.

modname

name of the module which cannot be loaded

retcode system completion code from LOAD macro

rscode reason code from LOAD macro

System Action: Processing terminates.

Operator Response: Find the description of the system completion code in document *z/OS MVS System Codes*, SA22-7626 (chapter 'completion codes'). Resolve the problem.

System Programmer Response: None.

source: CUNMIMAP

CUN1201E ERROR OCCURRED DURING QUERY PROCESSING FOR *ddname* RC= *rc*

Explanation: An error is encountered while attempting to query DCB information from the specified *ddname*.

ddname

name of the DD statement that failed query processing

rc return code

System Action: Processing terminates.

Operator Response: Check that a valid DD card has been supplied and that the data set is valid. Also check for further I/O error messages indicating a hardware problem.

System Programmer Response: None.

source: CUNMIMAP

CUN1202E INVALID IMAGE OR INVALID CONVERSION IMAGE: CANNOT FIND EYE-CATCHER OF *ctrl_block* - EXPECTED *eyecatcher1* , - FOUND *eyecatcher2*

Explanation: The system cannot find the eye-catcher of *ctrl_block*. The hexadecimal sequence *eyecatcher1* is expected, where the sequence *eyecatcher2* was found. If you analyze a dataset including an image, the image is not valid. If you analyze an active conversion environment, the environment is destroyed.

ctrl_block

control block name

eyecatcher1

eye-catcher expected (HEX)

eyecatcher2

eye-catcher found (HEX)

System Action: Processing terminates.

Operator Response: If you analyze a dataset including an image, check that a valid DD card has been supplied and that the data set is valid. If you analyze an active conversion environment, gather any error indications, such as diagnostic messages that precede this message, dump the master address space and Unicode data spaces, and contact your system programmer. Immediately re-IPL.

System Programmer Response: Contact IBM support .

source: CUNMIMAP

CUN2001E THE UCCB IS STILL LOCKED, RECOVERY DID NOT END SUCCESSFULLY

Explanation: The SET UNI command has abended and the recovery routines were not able to recover the conversion environment. The conversion environment is locked because it might be inconsistent. The conversion services are not longer available.

System Action: Processing terminates.

Messages from z/OS support for Unicode

Operator Response: This message might be preceded by other messages which are describing the reason of the abend. In any case, a dump was issued. Gather any error indications, such as diagnostic messages or dumps that precede this message and contact your system programmer. An IPL is needed to make the conversion service available again.

System Programmer Response: Analyze the messages and the dump and resolve the reason for the abend. Contact IBM support, if you cannot find or resolve the reason.

source: IEECB999

CUN2002W HIT ENTER TO CONTINUE, OR RE-IPL

Explanation: This message is preceded by one or several error messages at IPL describing the cause of the problem. This message notifies the operator that the conversion services will not be available and offers the possibility to stop the IPL processing.

System Action: Processing stops and the system waits for the reply.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message. Look at the description of the preceding messages and try to correct the problem. If the problem can be solved from a different system (for example in a sysplex environment), then it might be easier to fix the problem there and re-IPL, at least if an additional IPL would be required to make the conversion services available. If the IPL is continued, the availability of the conversion environment is restricted. For example, applications using conversion services will fail and might cause problems for the users. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the messages and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason. Depending on whether the system is needed continue IPL or re-IPL when the problem is solved.

source: IEAVNPUN

CUN2003S CONVERSION ENVIRONMENT NOT INITIALIZED. CONVERSION SERVICES NOT AVAILABLE (RC= *retcode*)

Explanation: This message is preceded by one or several error messages describing a severe problem initializing the conversion environment. If IPL processing is continued, the conversion environment will be not available.

retcode highest return code of the failing steps

System Action: Processing is stopped with message CUN2002W.

Operator Response: Gather any error indications,

such as diagnostic messages that precede this message, and try to correct the problem. If you cannot resolve the problem, contact your system programmer. This message is followed by message CUN2002W to stop the IPL processing. If the problem is fixed, re-IPL to make the conversion environment available.

System Programmer Response: Analyze the messages and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: IEAVNPUN

CUN2004S CONVERSION ENVIRONMENT PARTIALLY INITIALIZED, NO CONVERSION TABLES LOADED (RC= *retcode*)

Explanation: This message is preceded by one or several error messages, describing a severe problem while initializing the conversion environment. If IPL processing is continued, the conversion environment will be initialized without the availability of any conversion table.

retcode highest return code of the failing steps

System Action: Processing is stopped with message CUN2002W.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message, and try to correct the problem. If you cannot resolve the problem, contact your system programmer. This message is followed by message CUN2002W to stop the IPL processing. If the problem is fixed, use the SET UNI command to make conversions available.

System Programmer Response: Analyze the messages and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: IEAVNPUN

CUN2005I CONVERSION ENVIRONMENT SUCCESSFULLY INITIALIZED

Explanation: The conversion environment is successfully initialized.

System Action: None.

Operator Response: None.

System Programmer Response: None.

source: IEAVNPUN

CUN2006E LOAD OF MODULE *modname* FAILED (RC= *retcode* , RS= *rscode*)

Explanation: The system cannot load module *modname*.

modname

name of the module which cannot be loaded

retcode system completion code from LOAD macro

rscode reason code from LOAD macro

System Action: Processing terminates.

Operator Response: Find the description of the system completion code in document *z/OS MVS System Codes*, SA22-7626 (chapter 'completion codes'). Resolve the problem.

System Programmer Response: None.

source: IEAVNPUN, IEECB999, IEECB998, CUNMIRPI, CUNMIRP2

CUN2007E REQUEST FOR *storsize* BYTES OF STORAGE FAILED (RC= *retcode* , POOL *bufpool*)

Explanation: The request for virtual storage fails.

storsize

size of the storage requested

retcode return code from GETMAIN macro

bufpool number of the storage subpool which should be used

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Reference ENF-JXG*, SA22-7610 (chapter 'Return and Reason Codes', description of macro 'GETMAIN'). Follow the actions described in the document to resolve the problem.

System Programmer Response: None.

source: CUNMIIN2, CUNMIRPI, CUNMIRP2

CUN2008E ACCESS TO PARMLIB MEMBER *membername* FAILED (RC= *retcode*)

Explanation: Parmlib member *membername* cannot be accessed.

membername

name of the parmlib member

retcode return code from module IEEMB878 (see description below)

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message, and try to correct the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Check if all data sets from the logical parmlib concatenation in loadxx are available and the parmlib member specified is located in the logical parmlib concatenation and is readable.

Messages from z/OS support for Unicode

Check for preceding messages from module IEEMB878. Meaning of return codes from module IEEMB878:

- 8: I/O error detected
- 12: open of parmlib failed
- 16: member not found
- 20: invalid data in parmlist
- 24: cannot access data set
- 28: conversion error

source: CUNMIRPI, CUNMIRP2

CUN2009E INTERNAL ERROR IN FUNCTION *function* , ID = *idcode*

Explanation: This is an internal error.

function

function name

idcode ID of the internal error

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message. Contact your system programmer.

System Programmer Response: Contact IBM support.

source: CUNMIRP2, CUNMISA1, CUNMISA2, CUNMIINT, CUNMIIN2, CUNMIDSP

CUN2010E CANNOT FIND INFORMATION ABOUT CONVERTER MODULE *modname* (RC= *retcode*)

Explanation: The system cannot find information about the attributes of module *modname* which should be available in the link pack area ('SYS1.LPALIB').

modname

module name

retcode return code of the CSVQUERY macro

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Assembler Services Reference ABE-HSP*, SA22-7606 (chapter 'Return and Reason Codes', description of macro CSVQUERY). Try to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Check the return code of macro CSVQUERY. Check whether the SMP/E installation of the z/OS support for Unicode is done properly. Contact IBM support, if you cannot find or resolve the problem.

source: CUNMIIN2

Messages from z/OS support for Unicode

**CUN2011E CANNOT CREATE DATA SPACE
(NAME= *dsname* , TYPE= *dtype* ,
RC= *retcode* , RS= *rsncode*)**

Explanation: The system cannot create a data space of type *dtype*.

dsname name of the data space

dtype type of the data space

retcode return code of the DSPSERV macro with parameter CREATE

rsncode associated reason code of the DSPSERV macro

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609 (chapter 'Return and Reason Codes', chapter 'DSPSERV - Create, Delete, and Control Data Spaces'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the return and reason code and resolve the reason for the problem. Be aware that the parameter MAXCAD in IEASYSxx may limit the number of data spaces of type COMMON (for details see document *z/OS MVS Initialization and Tuning Reference*, SA22-7592). Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2, CUNMIRP2, CUNMIIN2

**CUN2012E CANNOT ADD DATA SPACE TO
ACCESS LIST (NAME= *dsname* ,
TYPE= *dtype* , RC= *retcode*)**

Explanation: The system cannot add a data space to the access list.

dsname name of the data space

dtype type of the data space

retcode return code of the ALESERV macro with parameter ADD

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609 (chapter 'Return and Reason Codes', description of macro 'ALESERV ADD'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the return

code and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2, CUNMIRP2, CUNMIIN2

**CUN2013S CONVERSION ENVIRONMENT
CORRUPTED:
CANNOT FIND EYE-CATCHER OF
crtl_block
- EXPECTED *eyecatcher1* ,
- FOUND *eyecatcher2***

Explanation: The system cannot find the eye-catcher of *crtl_block*. The hexadecimal sequence *eyecatcher1* is expected, where the sequence *eyecatcher2* was found. The eye-catcher was destroyed. The conversion environment is destroyed.

crtl_block control block name

eyecatcher1 eye-catcher expected (HEX)

eyecatcher2 eye-catcher found (HEX)

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message, dump the master address space and Unicode data spaces, and contact your system programmer. Immediately re-IPL.

System Programmer Response: Contact IBM support .

source: IEECB999, CUNMISA1, CUNMISA2

**CUN2014E ERROR IN PARMLIB MEMBER:
INVALID VALUE *value*
FOR KEYWORD *keyword*
REASON: TOO MANY DIGITS OR
CHARACTERS ARE SPECIFIED,
VALID MAXIMUM IS *lengthmax* , FOUND
*lengthfound***

Explanation: The value *value* for keyword *keyword* has more digits than possible for a useful value. Evaluating the parmlib member stops, the conversion environment is left unchanged.

value value specified for keyword

keyword keyword

lengthmax valid maximum number of digits or characters

lengthfound number of digits or characters currently specified

System Action: Processing terminates.

Operator Response: After the correction of the parmlib member, retry to activate the parmlib member.

System Programmer Response: Specify a correct value for this keyword.

source: IEECB999, CUNMISA1, CUNMISA2

CUN2015E SIZE OF CONVERSION IMAGE (*img_num* PAGES) EXCEEDS LIMIT FOR FIXED PAGES (*limit_num* PAGES) BY *exc_num* PAGES

Explanation: If the image is loaded, the limit for pages to be used from the conversion environment will be exceeded by *exc_num* pages. Evaluating the parmlib member stops, the conversion environment is left unchanged.

img_num

number of pages from the image which should be loaded, plus the number of pages from the Active Image

limit_num

limit for the number of pages to be used from the conversion environment (defined with the REALSTORAGE parameter in parmlib member CUNUNIxx)

exc_num

number of pages exceeding the limit.

System Action: Processing terminates.

Operator Response: After the correction of the problem, retry to activate the parmlib member.

System Programmer Response: Loading this image will need more resources for fixed storage. This can be allowed by increasing the REALSTORAGE parameter in your parmlib member CUNUNIxx for *exc_num* pages. Another possibility is to require less resources by generating a smaller image which supports less conversions.

source: CUNMISA2

**CUN2016E INVALID CONVERSION IMAGE (*name*),
REASON: HEADER EYE-CATCHER NOT FOUND (*eyecatcher-found*)**

Explanation: The image, which should be loaded, does not contain a valid eye-catcher in its header. Instead of this, it has the sequence shown as *eyecatcher-found*. The conversion image is not valid. Evaluating the parmlib member stops, the conversion environment is left unchanged.

name name of the conversion image

eyecatcher-found header eye-catcher found (hex)

System Action: Processing terminates.

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Operator Response: After the correction of the problem, retry to activate the parmlib member.

System Programmer Response: Specify the name of a valid conversion image, generated using the image generator in the parmlib member.

source: CUNMIRP2

CUN2017E FIXING OF *num_of_blocks* PAGES FAILED (RC= *retcode* , RS= *rsncode*)

Explanation: The system failed fixing pages after loading the new conversion image into the conversion data space. Evaluating the parmlib member stops, the conversion environment is left unchanged.

num_of_blocks

number of blocks for fixing

retcode return code of the DSPSERV macro

rsncode

reason code of the DSPSERV macro

System Action: Processing terminates.

Operator Response: Find the return code in the document 'z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN, SA22-7609 (chapter 'Return and Reason Codes', chapter 'DSPSERV - Create, Delete, and Control Data Spaces'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the return and reason code and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2

CUN2019E CANNOT DELETE DATA SPACE (NAME= *dsname* , TYPE= *dtype* , RC= *retcode* , RS= *rsncode*)

Explanation: A data space of type *dtype* cannot be deleted. Evaluating the parmlib member stops, the conversion environment is left unchanged. The data space which cannot be deleted allocates still system resources.

dsname

name of the data space

dtype data space type

retcode return code of the DSPSERV macro with option DELETE

rsncode

reason code of the DSPSERV macro with option DELETE

System Action: Processing terminates.

Operator Response: Find the return code in the

Messages from z/OS support for Unicode

document *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609 (chapter 'Return and Reason Codes', chapter 'DSPSERV - Create, Delete, and Control Data Spaces'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer. The allocated resources will be released after the next IPL.

System Programmer Response: Analyze the return and reason code and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2, CUNMIRP2

CUN2020I START LOADING CONVERSION IMAGE *img_name*

Explanation: The load of the image *img_name* has started.

img_name
name of the conversion image

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMIRP2

CUN2021I ... *size_loaded* BYTES DATA LOADED

Explanation: This message is the progress indicator for the load of a new conversion image. It shows the total size of the image loaded at this stage. If the amount of data loaded is smaller than 100 MB, it will appear for any 10 MB data read. After 100 MB of loaded data, this message will appear in 100 MB steps. If the image, which should be loaded, is very big, it will take a while. This message provides feedback that the system is still running.

size_loaded
amount of bytes which are already loaded from the new conversion image

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMIRP2

CUN2022I LOADING CONVERSION IMAGE *img_name* FINISHED: *img_size* BYTES LOADED

Explanation: This message indicates that the image *img_name* was successfully loaded. It shows the size *img_size* of the image in memory. Due to some overhead by storing the image in a file, the image size in memory is smaller than the file size.

img_name

name of the conversion image

img_size

bytes loaded

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMIRP2

CUN2024E ERROR IN PARMLIB MEMBER: INVALID VALUE (*value*) FOR KEYWORD *keyword* REASON: NON-NUMERIC CHARACTERS WERE SPECIFIED

Explanation: The value *value* for keyword *keyword* which is specified in the parmlib member is invalid. Other characters are specified than the numeric characters '0'-'9'. Evaluating the parmlib member stops, the conversion environment is left unchanged.

value value specified for keyword *keyword*

keyword
keyword

System Action: Processing terminates.

Operator Response: After the correction of the parmlib member, retry to activate the parmlib member.

System Programmer Response: Specify a correct numeric value for this keyword in the parmlib member.

source: CUNMISA1

CUN2027E ERROR IN PARMLIB MEMBER: INVALID VALUE (*value*) FOR KEYWORD *keyword* REASON: THE NEW LIMIT FOR FIXED PAGES EXCEEDS THE MAXIMAL POSSIBLE VALUE (*max-limit* PAGES)

Explanation: The value *value* for keyword *keyword* specified in the parmlib member is invalid. It is higher than the maximal possible value *max-limit*. Evaluating the parmlib member stops, the conversion environment is left unchanged.

value value specified for keyword *keyword*

keyword
keyword

max-limit
maximal limit for fixed pages

System Action: Processing terminates.

Operator Response: After the correction of the parmlib member, retry to activate the parmlib member.

System Programmer Response: Specify a value

equals or smaller than the value of *max-limit* in the parmlib member.

source: CUNMISA1

**CUN2028E INVALID CONVERSION IMAGE (*img_name*),
REASON: NUMBER OF PAGES
LOADED (*ldblocks*) IS NOT EQUAL
TO THOSE SPECIFIED IN THE IMAGE (*imgblocks*)**

Explanation: The name *img_name* specified in parmlib member describes a not valid conversion image or the conversion image is corrupted. Evaluating the parmlib member stops, the conversion environment is left unchanged.

img_name
name of the image

ldblocks
number of pages loaded

imgblocks
number of pages described in the image

System Action: Processing terminates.

Operator Response: After the correction of the failure, retry to activate the parmlib member.

System Programmer Response: Generate a valid conversion image using the image generator. Do not modify the generated image in any way!

source: CUNMIRP2

**CUN2029S CONVERSION ENVIRONMENT IS NOT
AVAILABLE**

Explanation: The conversion environment was not initialized at IPL. Conversions are not possible.

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages from the NIP phase at IPL, and try to correct the problem. If you cannot resolve the problem, contact your system programmer. Expect to find messages CUN2002I and CUN2003S. If not, the conversion services might not be installed and customized correctly.

System Programmer Response: Analyze the messages from IPL and resolve the reason for the problem. If message CUN2003S is not found, the system has not correctly been installed. Check the SMP/E apply job and the availability of the installation target libraries. Check the customizing of the conversion environment (e.g. UNI=xx statement in IEASYSxx, parmlib member CUNUNIx, IPL after customizing).

source: IEECB999, IEECB998

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**CUN2030W DISPLAY UNI COMMAND ALREADY
RUNNING**

Explanation: There is already a DISPLAY UNI command running.

System Action: Processing terminates.

Operator Response: Wait a while and repeat the command.

System Programmer Response: None.

source: IEECB999

**CUN2031E SET UNI COMMAND FAILS
ACCESSING THE PARMLIB MEMBER
(RC= *retcode*)**

Explanation: The SET UNI command fails because a problem occurred while reading the parmlib member. Evaluating the parmlib member stops, the conversion environment is left unchanged.

retcode return code

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages or dumps from the syslog, and try to correct the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the messages and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: IEECB999

**CUN2032E SET UNI COMMAND FAILS LOADING
THE PARSER MODULE *modname* (RC= *retcode*)**

Explanation: The SET UNI command fails because a problem occurred while a required module was loaded. Evaluating the parmlib member stops, the conversion environment is left unchanged.

modname
name of the parser module

retcode return code

System Action: Processing terminates.

Operator Response: For details, look for message CUN2006E in the syslog. It will give the reason for that problem.

System Programmer Response: None.

source: IEECB999

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CUN2033E SET UNI COMMAND FAILS PARSING OR EVALUATING THE PARMLIB MEMBER(S). (RC= *retcode*)

Explanation: The SET UNI command fails because a problem occurred while establishing the configuration determined in the parmlib member. Evaluating the parmlib member stops, the conversion environment is left unchanged.

retcode return code

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages or dumps from the syslog, and try to correct the problem. If you cannot resolve the problem, contact your system programmer.

System Programmer Response: Analyze the messages and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: IEECB999

CUN2034I SET UNI COMMAND SUCCESSFULLY EXECUTED

Explanation: The SET UNI command was successfully executed.

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: IEECB999

**CUN2035I INCONSISTENCY FOUND:
THE INACTIVE CONVERSION
ENVIRONMENT (*dsname*) IS
FLAGGED
AS ACTIVE, ENVIRONMENT IS
DELETED ANYHOW**

Explanation: Before deleting the inactive environment, z/OS support for Unicode checks if the data space is inactive. This check had the result that the data space is still marked as active even it is not in use. The data space will be deleted in the next step.

dsname
data space name, for IBM internal use only

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMISA3

**CUN2036I INACTIVE CONVERSION
ENVIRONMENT (*dsname*) WILL BE
DELETED. ARE YOU SURE? (Y/N)**

Explanation: A parmlib member is invoked to delete the inactive conversion environment. Please confirm the request for deletion.

dsname

data space name, for IBM internal use only

System Action: Processing continues.

Operator Response: Decide if you really want to delete the inactive conversion environment and answer the request.

System Programmer Response: None.

source: CUNMISA3

**CUN2037I INACTIVE CONVERSION
ENVIRONMENT (*dsname*) WAS NOT
DELETED BECAUSE OF YOUR
REQUEST**

Explanation: A parmlib member was invoked to delete the inactive conversion environment, but the confirmation CUN2036 for this request was answered with 'n' (not to delete the conversion environment). The conversion environment is left unchanged.

dsname

data space name, for IBM internal use only

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMISA3

**CUN2038I INACTIVE CONVERSION
ENVIRONMENT (*dsname*)
WAS SUCCESSFULLY DELETED**

Explanation: A parmlib member was invoked to delete the inactive conversion environment. The confirmation CUN2036 for this request was answered with 'y' (to delete the inactive data space). The data space was successfully deleted.

dsname
data space name, for IBM internal use only

System Action: Processing continues.

Operator Response: None.

System Programmer Response: None.

source: CUNMISA3

CUN2039E RELEASING OF *num_of_blocks* PAGES FAILS (RC= *num_of_blocks* , RS= *retcode*)

Explanation: The system fails releasing fixed pages before the deletion of an inactive conversion data space. The inactive conversion environment was not deleted. It is not possible to issue a new SET UNI command with keyword IMAGE until the inactive conversion environment was deleted.

num_of_blocks
number of blocks to release

retcode return code of the DSPSERV macro

rsnocode
reason code of the DSPSERV macro

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609 (chapter 'Return and Reason Codes', chapter 'DSPSERV - Create, Delete, and Control Data Spaces'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer. If the problem cannot be resolved and the new conversion environment is needed, activate it with an IPL.

System Programmer Response: Analyze the return and reason code and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2

**CUN2040S CONVERSION ENVIRONMENT CORRUPTED:
CANNOT FIND ACTIVE CONVERSION DATA SPACE**

Explanation: The system cannot find an active conversion data space. The conversion environment is destroyed. Conversions are not longer possible.

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages that precede this message, and contact your system programmer. Immediately re-IPL.

System Programmer Response: Contact IBM support.

source: IEECB999, CUNMISA2

**CUN2041S CONVERSION ENVIRONMENT LOST:
NO VALID UCCB FOUND**

Explanation: The system cannot find the central control structure UCCB for the conversion services, even the conversion environment was initialized. The

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conversion environment is destroyed. Conversions are not longer possible.

System Action: Processing terminates.

Operator Response: Gather any error indications, such as diagnostic messages, that precede this message and contact your system programmer. Immediately re-IPL.

System Programmer Response: Contact IBM support .

source: CUNMISA2

CUN2042E PARAMETER *param* WAS NOT ACCEPTED

Explanation: The input parameter, for example in a parmlib member, is wrong and was not accepted.

param parameter which was not accepted

System Action: Processing terminates abnormally.

Operator Response: Correct the input in the parmlib member. Valid value is: INACTIVE .

System Programmer Response: None.

source: CUNMISA3

CUN2043E NO INACTIVE DATA SPACE AVAILABLE

Explanation: You try to delete an inactive data space but there is no inactive data space available so far.

System Action: Processing continues.

Operator Response: Issue this command only when an inactive data space is available.

System Programmer Response: None.

source: CUNMISA3

CUN2044I SET UNI COMMAND TERMINATES BECAUSE THE DELETE REQUEST FOR THE INACTIVE ENVIRONMENT WAS REJECTED

Explanation: The request to delete an inactive conversion environment was rejected by the user by answering the confirmation CUN2036 with 'n'. Therefore the SET UNI command terminates the evaluation of the parmlib member. The conversion environment is left unchanged. Note that if a parmlib member with keyword IMAGE was used for the SET UNI command and an inactive environment exists, a delete request will be created from the system. The inactive environment must be deleted before the new environment can be established.

System Action: Processing terminates.

Operator Response: none

System Programmer Response: none

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source: IEECB999

CUN2045E CANNOT DELETE DATA SPACE FROM ACCESS LIST
(NAME= *name* , AL-NAME= *al-name* ,
RC= *rc*)

Explanation: The data space with name *name* cannot be deleted from the access list *type-al*. Evaluating the parmlib member stops, the conversion environment is left unchanged. The data space cannot be deleted and allocates still system resources.

name name of the data space

al-name name of access list

rc return code of the ALESERV macro with option
DELETE

System Action: Processing terminates.

Operator Response: Find the return code in the document *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609 (chapter 'Return Codes', chapter 'ALESERV - Control Entries in the Access List'). Follow the actions described in the document to resolve the problem. If you cannot resolve the problem, contact your system programmer. The allocated resources will be released after the next IPL.

System Programmer Response: Analyze the return and reason code and resolve the reason for the problem. Contact IBM support, if you cannot find or resolve the reason.

source: CUNMISA2

CUN3000I *text*

Explanation: The DISPLAY UNI command shows the status of available conversions and whether z/OS support for Unicode is already initialized. If one input parameter is incorrect, this parameter will be ignored.

text the output is described in Appendix A,
"Commands" on page 73

System Action: Displays the setup. Processing continues.

Operator Response: If one input parameter is wrong, read the explanations in the message. Correct this parameter on the command line and enter again.

System Programmer Response: None.

source: IEECB998

CUN3001I UNABLE TO OBTAIN STORAGE,
REASON= *reason*

Explanation: In the initialization of the display module, it is not possible to obtain storage.

reason reason code for ending the DISPLAY UNI command

System Action: The DISPLAY UNI command terminates.

Operator Response: Try again. When it fails again, contact your system programmer.

System Programmer Response: Check the initialization of the multi-line display.

source: CUNMIDAC

CUN3002E THE PROGRAM *program* ENDED,
OPERATION WAS NOT SUCCESSFUL

Explanation: One operation terminates abnormally. The program which includes the recovery routine sends information to the console and issues a dump.

program name of the program which includes the recovery label

System Action: Processing terminates.

Operator Response: Store the dump data sets and the console output.

System Programmer Response: If the error recurs and the program is not in error, search problem reporting data bases for a fix for the problem. If no fix exists, contact the IBM Support Center. Provide all printed output and output data sets related to the problem (for example dump data sets).

source: IEECB998,IEECB999

CUN3003W SET UNI COMMAND ALREADY RUNNING

Explanation: There is already another SET UNI command running.

System Action: Execution of the command stops. Processing continues.

Operator Response: Wait a while and repeat the command.

System Programmer Response: None.

source: IEECB998,IEECB999

CUN4001E INVALID STATEMENT ' *token* ' IN LINE
line

Explanation: No valid statement was read by the parser.

token input statement

line line number of the processed statement

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4002E MANDATORY FIRST PARAMETER FOR STATEMENT IN LINE *line* IS MISSING

Explanation: At least one parameter is expected for a statement.

line line number of the processed statement

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4003E TOO MANY PARAMETER(S) FOR STATEMENT 'statement_name' IN LINE *line* . A MAXIMUM OF *parmmax* PARAMETERS IS ALLOWED

Explanation: There is a maximum of *parmmax* parameters for the statement.

statement_name
input statement

line line number of the processed statement

parmmax
allowed parameter number

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4004E INVALID STRING 'token' FOUND WHERE A DELIMITER IS EXPECTED IN LINE *line*

Explanation: Parameters must be separated by a ','. No other delimiter is allowed.

token invalid input string

line line number of the processed statement

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System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4005E MANDATORY PARAMETER(S) MISSING FOR STATEMENT 'statement' IN LINE *line* . A MINIMUM OF *parmin* PARAMETERS IS REQUIRED

Explanation: There is a minimum of *parmin* mandatory parameters for the statement.

statement
input statement

line line number of the processed statement

parmin
required minimal parameter number

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4006E INVALID DELIMITER 'token1' FOR STATEMENT IN LINE *token2*

Explanation: In a statement an invalid delimiter occurs where a parameter or one of the valid delimiters ',', or ';' are expected.

token1 character that is interpreted as a delimiter

token2 line number of the processed statement

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4007E MANDATORY PARAMETER FOR KEYWORD PARAMETER 'key' IN LINE *line* IS MISSING

Explanation: There was a keyword parameter followed by a '=', but no parameter value is specified for the keyword parameter.

key found keyword

Messages from z/OS support for Unicode

line line number of the processed statement

System Action: The next statement(s) are parsed. No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4008E REQUIRED STATEMENT '*statname*' IS MISSING

Explanation: A required statement is missing in the input file.

statname
statement name

System Action: No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR, CUNMISCK

CUN4009E STATEMENT '*statname*' OCCURS MORE THAN ONCE

Explanation: A statement, which must or can occur once, was specified twice (or more) in the input file.

statname
statement name

System Action: No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR, CUNMISCK

CUN4010I FREE STORAGE FAILED IN *module*

Explanation: Free Storage operation (that is a FREEMAIN) failed. The Free Storage routine was called by the specified Statement Processor action routine.

module name of the module that tried to free storage

System Action: Processing continues.

Operator Response: None.

System Programmer Response: Check memory.

source: CUNMISP

CUN4011E SEMICOLON IS MISSING BEHIND LAST STATEMENT

Explanation: The last statement is not terminated by a semicolon.

System Action: No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Correct the invalid statement and start execution again.

source: CUNMIPR

CUN4012E STATEMENT '*statname*' MUST NOT OCCUR WITH OTHER STATEMENTS

Explanation: A statement, which must be the only one in a statement list, occurs with other statement(s).

statname
name of the statement

System Action: No statement execution will take place. Processing terminates.

Operator Response: None.

System Programmer Response: Remove obsolete statement(s).

source: CUNMISCK

CUN4013E NO STATEMENT FOUND

Explanation: No input statement found.

System Action: Processing terminates.

Operator Response: None.

System Programmer Response: Enter a valid statement.

source: CUNMISCK

Appendix D. Codes

Programming Interface information

This chapter includes z/OS support for Unicode return and reason codes.

Conversion services – return and reason codes

Table 15. Classification of return codes from conversion services

Return Code	Name	Meaning
0	CUN_RC_OK	No error, successfully completed.
4	CUN_RC_WARN	Warning, see reason code for more information.
8	CUN_RC_USER_ERR	User error, action required. See reason code for more information.
12	CUN_RC_ENV_ERR	Error caused by the environment, the request cannot be processed. See reason code for more information.
16	CUN_RC_SYS_ERR	System error, inconsistent state. See reason code for more information.

Conversion services – return and reason codes

Table 16. Return and reason codes from conversion services

Return Code	Name of return code	Reason Code	Name of reason code	Component	Meaning	Action
0	CUN_RC_OK	0	CUN_RS_OK	ALL	The operation was successful.	None.
4	CUN_RC_WARN	1	CUN_RS_TRG_EXH	CONVERSION	The target buffer was exhausted before all characters in the source buffer were converted.	Recall the service with either a target buffer large enough to hold the complete result of the conversion or keep the result of the conversion just done and repeat calling the service with the yet undone part of the source buffer and concatenate the results of the various conversions.
		2	CUN_RS_INV_HANDLE_NOSET	CONVERSION	Conversion is terminated. The handle is invalid because a SET UNI command has changed the environment.	Clear the handle and make sure that the From-CCSID and To-CCSID are specified in the parameter area. Then recall the service.
		3	CUN_RS_INV_HANDLE_SET	CONVERSION	Conversion is terminated. The handle is invalid because a SET UNI command is running and will change the conversion environment.	Clear the handle and make sure that the From-CCSID and To-CCSID are specified in the parameter area. Consider waiting until the SET UNI command completes before recalling the service. Otherwise the same error condition is returned.
		4	CUN_RS_NO_HANDLE	CONVERSION	Conversion is terminated. No handle can be obtained because a SET UNI command is running and will change the conversion environment.	Clear the handle and make sure that the From-CCSID and To-CCSID are specified in the parameter area. Consider waiting until the SET UNI command completes before recalling the service. Otherwise the same error condition is returned.
		6	CUN_RS_SUB_ACT_TERM	CONVERSION	A character was found in the source buffer which cannot be converted into a To-CCSID character and the CUNBCPRM_Sub_Action specifies "terminate with error".	Check whether the input string is correct and whether the correct conversion tables are used.
		7	CUN_RS_MBC_INCOMPLETE	CONVERSION	An incomplete character was found in the source buffer. This error happens when not all bytes of a multi-byte character are found in the source buffer. For example, the incomplete character can be found at the end of the source buffer, if only the first byte of a double-byte character fits into the buffer.	Check whether the input string is correct. Make sure that the missing bytes are in the source string.
		8	CUN_RS_CONTINUATION	CONVERSION	For character casing the character condition of being FINAL or NON_FINAL in a word could not be determined, as the character was the last character in the source buffer but not the last character in the caller's source data. The character in question is not cased.	Next call to casing service needs to start with the uncased character of this call as first source character.

Conversion services – return and reason codes

Table 16. Return and reason codes from conversion services (continued)

Return Code	Name of return code	Reason Code	Name of reason code	Component	Meaning	Action
		9	CUN_RS_STAGE2_FAIL	CONVERSION	Introduced by PTF UW77343: An indirect character conversion, which first converts from the source CCSID into UCS-2 characters in a workarea and then in a second stage from the workarea to the target buffer, experienced an error during stage 2 conversion. As there is no correlation of the failing stage 2 character to a certain stage 1 character, we reset the source and target pointers and length values to the original caller's values. The workarea pointer and length values are updated to point to the character which failed conversion.	Check whether the input string and the parameter settings used are reasonable.
		10	CUN_RS_WRK_EXH	NORMALIZATION	The work buffer was exhausted before all characters in the target buffer could be processed.	Recall the service with the new parameter value in the work buffer; where the work buffer size must be at least the same size as the target buffer.

Conversion services – return and reason codes

Table 16. Return and reason codes from conversion services (continued)

Return Code	Name of return code	Reason Code	Name of reason code	Component	Meaning	Action
8	CUN_RC_USER_ERR	1	CUN_RS_PARM_VER	CONVERSION	Wrong version of the parameter area used.	Use the correct interface definition file: CUNBCIDF for character conversion or CUNBAIDF for case conversion.
		2	CUN_RS_WRK_BUF_SMALL	CONVERSION	The work buffer is not large enough to hold at least one character of the maximum width of characters as used with the work buffer in indirect conversions.	Recall the service using a work buffer of larger size.
		3	CUN_RS_CCSID_NOT_SUPP	ALL	The specified conversion is not supported in the current conversion image.	Verify that the From-CCSID, To-CCSID, and technique-search-order parameters on the call to the conversion services specify a conversion that has been included in the currently active conversion image. The DISPLAY UNI command can be used by the system operator to display the available conversions. Have your system administrator update the conversion image to include the specified conversion, or change the parameter specifications as appropriate.
		4	CUN_RS_CASE_NOT_SUPP	CONVERSION	An unsupported case conversion type was specified.	Recall the service with the case conversion type parameter set to a supported conversion type.
		5	CUN_RS_SUBCODEPAGE	CONVERSION	The subcodepage number supplied by the caller in the input parameter list is invalid. It is not in the range of numbers valid for the specified conversion.	Recall the service with a subcodepage number in the valid range. A value of binary zero will let the conversion start with the default codepage for this conversion.
		6	CUN_RS_TRG_BUF_SMALL	CONVERSION	The target buffer is not large enough to hold at least one character of the maximum width of characters as given by the To-CCSID.	Recall the service using a target buffer of adequate length.
		7	CUN_RS_DDA_BUF_SMALL	CONVERSION	The caller supplied a DDA buffer which is not large enough for the storage required by the conversion services.	Recall the service using the required DDA_Buf_Len as described by the following constant: <ul style="list-style-type: none">• CUNBCPRM_DDA_Req for character conversion (in interface definition file CUNBCIDF)• CUNBAPRM_DDA_Req for case conversion (in interface definition file CUNBAIDF)
		8	CUN_RS_DDA_MIN_SMALL	CONVERSION	The caller supplied a DDA buffer which is not large enough for the storage needed for the initial call to CUNMCNV.	Recall the service using the required DDA_Buf_LEN returned in the handle field HUCCE_DDA_BUF_LEN.

Conversion services – return and reason codes

Table 16. Return and reason codes from conversion services (continued)

Return Code	Name of return code	Reason Code	Name of reason code	Component	Meaning	Action
		9	CUN_RS_INV_NORM_TYPE	NORMALIZATION	An unsupported normalization type was specified in normalization parameter area (CUNBOPRM).	Recall the service using a valid normalization type: CUNBNPRM_D=1 CUNBNPRM_C=2 CUNBNPRM_KD=3 CUNBNPRM_KC=4
12	CUN_RC_ENV_ERR	1	CUN_RS_NO_UNI_ENV	ALL	The conversion environment is not set up.	IPL is necessary to initialize the conversion environment.
		2	CUN_RS_NO_CONVERSION	CONVERSION	The conversion services are not available.	IPL is necessary to load the conversion services.
16	CUN_RC_SYS_ERR	1	CUN_RS_INCONSISTENT_UCCB	INFRASTRUCTURE	The UCCB is in an inconsistent state.	IPL is necessary to recover.
		2	CUN_RS_INCONSISTENT_UCCE	INFRASTRUCTURE	The UCCE is in an inconsistent state.	IPL is necessary to recover.
		3	CUN_RS_INV_CONVERSION	CONVERSION	The contents of UCCE_CONVERSION is invalid.	IPL is necessary to recover.
		4	CUN_RS_INCONSISTENT_UCAE	INFRASTRUCTURE	The UCAE is in an inconsistent state.	IPL is necessary to recover.
		5	CUN_RS_INCONSISTENT_TABLE	SCONVERSION	The tables used for case conversion have inconsistent contents.	Run the image generator to create a new image and run the SET UNI command to activate it.
		6	CUN_RS_INCONSISTENT_UCNE	INFRASTRUCTURE	The UCAE is in an inconsistent state.	IPL is necessary to recover.
		28	CUN_RS_WA_NOT_ALIGNED	CONVERSION	An internal work area for the TRxx simulation code is not aligned on a double word boundary.	This is an internal error, call the IBM support center. IPL is necessary to recover.
		32	CUN_RS_TABLE_NOT_ALIGNED	CONVERSION	The conversion table is not aligned on a page boundary.	This is an internal error, call the IBM support center. IPL is necessary to recover.

Image generator for z/OS support for Unicode™ – return codes

Return Code	Meaning	Action
0	successful completion	The image has been created without problem. Check the listing for what has been generated.
4	warnings issued	A duplicate statement has been ignored. Check the listing for the following messages: <ul style="list-style-type: none"> • CUN1027W • CUN1029W

Image generator for z/OS support for Unicode™ – return codes

Return Code	Meaning	Action
8	user error	<p>The input (JCL or control statements) is somehow incorrect. Check the listing for the following messages:</p> <ul style="list-style-type: none"> • CUN1003E • CUN1018E • CUN1019E • CUN1020E • CUN1021E • CUN1022E • CUN1023E • CUN1024E • CUN1025E • CUN1026E
12	environment error	<p>An error occurred during the handling of a file or the work storage. Check the listing for the following messages:</p> <ul style="list-style-type: none"> • CUN1004E • CUN1006E • CUN1007E • CUN1008E • CUN1009E • CUN1010E • CUN1011E • CUN1012E • CUN1013E
32	error recovery has happened	<p>The error recovery routing of the file i/o module detected an ABEND situation. Check the job log and the system console for additional z/OS error messages.</p>

End of Programming Interface information

Appendix E. Samples

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Samples for parmlib member CUNUNIxx

To activate a new conversion environment:

```
*****  
/*  
/* CUNUNIXX - UNICODE CONVERSION CONTROL PARAMETERS  
/*  
*****  
/* establish a new environment  
*****  
/* REQUIRED KEYWORD REALSTORAGE  
/* MAXIMAL USED PAGES OF REAL STORAGE, MIN=0 MAX=524287 */  
/* where 0 means no explicite limit (=524287) */  
*****  
REALSTORAGE 51200; /* e.g. 200 MB */  
*****  
/* REQUIRED KEYWORD IMAGE WITH  
/* REQUIRED PARAMETER: MEMBER NAME  
/* THIS MEMBER MUST BE PLACED IN A DATA SET FROM THE */  
/* LOGICAL PARMLIB CONCATENATION (def'd in LOADxx) */  
*****  
IMAGE CUNIMG00;
```

To delete an inactive conversion environment:

```
*****  
/*  
/* CUNUNIYY - UNICODE CONVERSION CONTROL PARAMETERS  
/*  
*****  
/* d e l e t e  
/* an unused inactive Unicode conversion environment */  
*****  
/* REQUIRED EXCLUSIVE KEYWORD  
/* - NO OTHER KEYWORDS ARE ALLOWED */  
*****  
DELETE INACTIVE;
```

Sample for image generator

Refer to the image generator sample on page 18

Sample for CUNRUCST Exec

```
/* REXX */  
*****  
/* Licensed Materials - Property of IBM */  
/*  
/* 5694-A01 */  
*/
```

Sample for image generator

```
/* (C) Copyright IBM Corp. 2000 */
/*
/* Status = HUNI2AO
/*********************************************************/
/*
/* Customizes an UNICODE installation job
/*
/* NOTE: To allow execution of this exec be sure to:
/*      - allocate 'lib-where-this-exec-resides' to SYSEXEC DD
/*      - Enter the variables in upper case,
/*      this exec does NOT translate to upper case
/*      - When your input is not a plain character string, e.g.
/*          a number or if it contains blanks, then your input needs
/*          to be entered in single quotes to have the editor execute
/*          the CHANGE command correctly.
/*      The same rules apply, as if the command were entered in
/*          a normal edit session.
/*
/* SPECIAL NOTE:
/*      Care must be taken if values used for customization, start
/*      with an '&'. Such values are treated as variables by ISPF
/*      and will be replaced by a value determined by ISPF, and will
/*      not lead to the result you might expect.
/*      For example, if you want to use NOTIFY=&SYSUID then the
/*      CHANGE command executed from this exec will not replace
/*      the customization variable $NOTIFY$ with &SYSUID
/*
/*      In order to get it work properly you must insert an additional
/*      statement before the CHANGE command line as shown in the
/*      following example:
/* >> sysuid = '&SYSUID';           <<<< new line       <<<< */
/* >> "C $NOTIFY$ '&SYSUID' all" ; <<<< modified old line <<<< */
/*
/*
/* INVOCATION: Normally this EXEC is invoked by EXEC EDZXALLC to
/*              customize all members in a PDS.
/*              If a single member is to be customized, then enter EDZXCUST
/*              on the command line while editing a member.
/*
/*
/* CHANGE-ACTIVITY:
/*     A000000-999999
/*
/* - Enhancements for OPC/ESA integration      970202 IR34075*/
/* - Enhancements for SMS                      971219 IR36807*/
/* - Enhancements for OPC                      980126 IR36807*/
/*
/*********************************************************/
/* CHANGE ACTIVITY
/*
/*********************************************************/
address ISREDIT          /* ISPF edit
"MACRO"                  /* say MACRO
"(NAME) = MEMBER" ;      /* get current member name
name = substr(strip(name),5) ; /* get char 5 to 8 of member name */

/*
/*********************************************************/
/* CONSTANTS - Do NOT change these lines
/*
/*********************************************************/
SGYES    = '   ' ;          /* DO NOT CHANGE THIS LINE */
SGNO     = '-- ' ;          /* DO NOT CHANGE THIS LINE */
JCARD    = '// ' ;          /* DO NOT CHANGE IR34075*/
JCOMM    = '/* ' ;          /* DO NOT CHANGE IR34075*/
MQMLYES = '   ' ;          /* DO NOT CHANGE THIS LINE */
MQMLNO  = '/* ' ;          /* DO NOT CHANGE THIS LINE */

/*
/*********************************************************/
```

Sample for image generator

```

/* DO NOT CHANGE the following definitions ! */  

/******  

"C $JOBNAME$      '"name"'      all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION1M$     1M           all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION4M$     4M           all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION5M$     5M           all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION6M$     6M           all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION8M$     8M           all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION10M$    10M          all" ; /* DO NOT CHANGE THIS LINE */  

"C $REGION20M$   20M          all" ; /* DO NOT CHANGE THIS LINE */  

/******  

/*  

/*  

/* S T A R T   C U S T O M I Z A T I O N   H E R E  

/*  

/*  

/******  

/******  

/*  

/* J O B   S T A T E M E N T S  

/*  

/******  

/* See the skeleton of a job card below. The following adjustments */  

/* are required to set up the proper job card. */  

/* Please take care that the length of information you give does */  

/* not exceed the length of a job card. */  

/* This is especially important for the $ACCOUNT and $USER info. */  

/*  

/* //$/JOBPREF$$JOBNAME$ JOB ($ACCOUNT$),'$USER$',NOTIFY=$NOTIFY$, */  

/* //      MSGCLASS=$MC$,MSGLEVEL=$ML$,TIME=$TI$,CLASS=$CL$, */  

/* //      REGION=$REGION4M$ */  

/*  

/******  

/* Replace 'BMBA' by a four character job prefix. */  

/* The job name to be used is assembled by this 4 character prefix */  

/* and the last 4 characters of the member name containing the job. */  

/* IMPORTANT: 'BMBA' MUST BE EXACTLY 4 CHARACTERS IN LENGTH. */  

/******  

"C $JOBPREF$      BMBA          all" ;  

/******  

/* Replace 'DE03235' with your account information */  

/* NOTE: The required parenthesis will be added automatically. */  

/******  

"C $ACCOUNT$      'DE03235'      all" ; /* use quotes */  

/******  

/* Replace 'UNICODE-Inst' with your user information. */  

/******  

"C $USER$         'UNICODE-INST'    all" ; /* use quotes */  

/******  

/* Specify 'BMBA' with user ID to be used for NOTIFY=. */  

/* Blanks are not allowed within the following user-ID string. */  

/******  

"C $NOTIFY$       'BMBA'          all" ; /* use quotes */  

/******  

/* Replace 'X' by the MSGCLASS= to be used. */  

/******  

"C $MC$           'X'            all" ; /* use quotes */  

/******  

/* Replace '(1,1)' by the MSGLEVEL= to be used. */  

/******  


```

Sample for image generator

```
"C $ML$           '(1,1)'           all" ; /* use quotes      */

/*********************************************************/
/* Replace '60' by the TIME= to be used.          */
/*********************************************************/
"C $TI$           '60'           all" ; /* use quotes      */

/*********************************************************/
/* Replace 'A' by the CLASS= to be used.          */
/*********************************************************/
"C $CL$           'A'            all" ; /* use quotes      */

/*********************************************************/
/* Replace '*' with the output class to be used for SYSOUT=. */
/*********************************************************/
"C $OUTCL$         '*'           all" ; /* use quotes      */

/*********************************************************/
/* Change 'UNI.V110' to the name of the high level qualifier of the */
/* Unicode distribution and target libraries.                      */
/*********************************************************/
"C $LIB_HLQ$       UNI.V110        all" ;

/*********************************************************/
/* Replace 'SYSALLDA' with the symbolic name for your group of DASD */
/* devices. 'SYSALLDA' is used as UNIT=SYSALLDA.                   */
/* SYSALLDA is the IBM assigned default group name and contains all */
/* direct access devices defined to the system and can be used.    */
/*********************************************************/
"C $SYSALLDA$      SYSALLDA        all" ; /*

/*********************************************************/
/* Replace 'UNI.V110.SCUNtbl' with the fully qualified             */
/* name of the PDS where the conversion tables are stored.        */
/* This PDS will be allocated during installation.                 */
/*********************************************************/
"C $CUN_TBL_DS$   UNI.V110.SCUNtbl        all" ;

/*********************************************************/
/* Replace 'UNI.V110.SCUNMSG' with the fully qualified             */
/* name of the PDS where the MMS skeletons are stored.           */
/* This PDS will be allocated during installation.                 */
/*********************************************************/
"C $CUN_MSG_DS$   UNI.V110.SCUNMSG        all" ;

/*********************************************************/
/* Replace 'UNI.V110.IMAGES' with the fully qualified             */
/* name of the PDS where the images of the conversion environment */
/* should be stored. You have to allocate the dataset.           */
/*********************************************************/
"C $CUN_IMAGE_DS$ UNI.V110.IMAGES        all" ;

/*********************************************************/
/* Replace 'UNI.V110.MMS' with the fully qualified               */
/* name of the VSAM dataset that should contain the MMS skeletons. */
/* The dataset is allocated by job CUNJUMS1                     */
/*********************************************************/
"C $CUN_MMS_DATASET$ UNI.V110.MMS        all" ;

/*********************************************************/
/*
/* E N D   O F   C U S T O M I Z A T I O N
/*
/*********************************************************/
'END'           /* DO NOT CHANGE */ /* DO NOT CHANGE */
```

Sample program in C

The following C sample programs are provided and installed to SYS1.SAMPLIB:

- CUNSCSMC for character conversion
- CUNSASMC for case conversion

Look to the appropriate member in SYS1.SAMPLIB for a detailed description.

Sample program in HLASM

The following HLASM sample programs are provided and installed to SYS1.SAMPLIB:

- CUNSCSMA for character conversion
- CUNSASMA for case conversion

Look to the appropriate member in SYS1.SAMPLIB for a detailed description.

Sample for source in HLASM

Appendix F. Summary of IBM-supplied conversion tables

These tables are provided by IBM for normalization service. V1R4 tables are based on the Unicode Standard 3.0.1.

Table 17. Normalization service

Table name	Description	Size
CUNNCACT	Canonical class stop	64K
CUNNCDST	Canonical decomposition stop	128K
CUNNKDST	Compatibility decomposition stop	128K
CUNNKDST	Compatibility decomposition stop	128K
CUNNCDTB	Canonical decomposition table	10.25K
CUNNKDTB	Compatibility decomposition table	34K
CUNNCOMT	Composition table	8K
CUNCCNZ	Canonical class non zero	64K

The following table lists the IBM-supplied conversion tables used to generate the conversion image as described in Chapter 3, “Creating the conversion environment” on page 11. Note that this is only a list of conversion tables, and does not represent all possible supported conversions. In addition to the conversions listed in the table, the following conversions (as specified in the from-ccsid and to-ccsid parameters in CONVERSION statements - see “Control statement CONVERSION” on page 14) are also supported:

- conversions to and from CCSID 1200. This was described in the section “Some special considerations about CCSID 1200” of “Control statement CONVERSION” on page 14.
- conversions to and from CCSID 1208 (UTF-8). These conversions are algorithmic and do not use tables.
- composite conversions between various multibyte (MBCS) CCSIDs that consist of multiple sub-CCSIDs. This was described in Appendix B, “MBCS conversions” on page 79.
- conversions between any two CCSIDs for which conversions to and from Unicode (CCSID 1200) as an intermediate CCSID are supported. These are the indirect conversions described in the section “Character conversion” of Chapter 1, “Introduction” on page 1.

There are 5 samples shipped with the product:

- All simple conversions represented by a table of technique C,R,E
- All simple conversions represented by a table of technique C,R,E to/from UCS-2
- All MBCS conversions to/from UCS-2
- All “L” technique MBCS conversions to/from UCS-2
- All “M” technique MBCS conversions to/from UCS-2

IBM-supplied conversion tables

These samples are contained in SYS1.SAMPLIB members CUNSIM1-CUNSIM5. They contain all the valid conversion statements for the five listed conditions.

The types R, E, C, L, M, and X are included in the file name. For example the file name CUNEAAAJ is of the E type (CUNEAAAJ).

The types are:

R: Roundtrip

Roundtrip conversions between two CCSIDS assure that all characters making the "roundtrip" arrive as they were originally.

E: Enforced Subset

Enforced Subset conversions map only these characters from one CCSID to another which have a corresponding character in the second CCSID. All other characters are replaced by a substitution character.

C: Customized

Tables created on base of special requirements.

L: Language Environment

These tables map characters like the iconv() function of the Language Environment Runtime library does.

M: Modified Language Environment Behaviour (C-variant)

These tables map characters like the iconv() function of the Language Environment Runtime library does for converters ending with "C" (for example IBM-932C).

X: Fixed tables

Tables containing fixes specific to z/OS V1 R4 support for Unicode™. This character cannot be specified in the technique fields of the image generator or the API.

From-CCSID	To-CCSID	file name	CDRA file name
00037	00256	CUNEAAAJ	00250100.S-E0-A1
00037	00256	CUNRAAAJ	00250100.S-R2-D
00037	00273	CUNRAAAV	00250111.S-R2-D
00037	00275	CUNRAAAZ	00250113.S-R2-D
00037	00277	CUNEAAA2	00250115.S-E0-A1
00037	00277	CUNRAAA2	00250115.S-R2-D
00037	00278	CUNEAAA4	00250116.S-E0-A1
00037	00278	CUNRAAA4	00250116.S-R2-D
00037	00280	CUNEAAA6	00250118.S-E0-A1
00037	00280	CUNRAAA6	00250118.S-R2-D
00037	00284	CUNEABBB	0025011C.S-E0-A1
00037	00284	CUNRAABB	0025011C.S-R2-D
00037	00285	CUNEABBE	0025011D.S-E0-A1
00037	00285	CUNRAABE	0025011D.S-R2-D
00037	00290	CUNEABBH	00250122.S-E0-D
00037	00290	CUNRAABH	00250122.S-R2-A1
00037	00297	CUNEABBN	00250129.S-E0-A1
00037	00297	CUNRAABN	00250129.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00037	00367	CUNEABO	0025016F.S-E0-D
00037	00420	CUNEAB1	002501A4.S-E0-A1
00037	00420	CUNRAAB1	002501A4.S-RC-D
00037	00423	CUNEAB8	002501A7.S-E0-A1
00037	00423	CUNRAAB8	002501A7.S-R1-D
00037	00424	CUNEAAAC	002501A8.S-E0-A1
00037	00424	CUNRAAAC	002501A8.S-RC-D
00037	00437	CUNEAACE	002501B5.S-E0-A1
00037	00437	CUNRAACE	002501B5.S-RC-D
00037	00500	CUNEAAACR	002501F4.S-E0-A1
00037	00500	CUNLAACR	002501F4.S-E0-A1
00037	00500	CUNRAACR	002501F4.S-R2-D
00037	00720	CUNRAAC5	002502D0.S-R2-D
00037	00737	CUNRAAC6	002502E1.S-R2-D
00037	00775	CUNRAAC8	00250307.S-R2-D
00037	00813	CUNRAADF	0025032D.S-R2-D
00037	00819	CUNLAADH	00250333.S-R2-D
00037	00819	CUNRAADH	00250333.S-R2-D
00037	00833	CUNEAAADI	00250341.S-E0-D
00037	00833	CUNRAADI	00250341.S-R2-A1
00037	00836	CUNEAAADU	00250344.S-E0-D
00037	00836	CUNRAADU	00250344.S-R2-A1
00037	00838	CUNEAAAD1	00250346.S-E0-D
00037	00850	CUNCAAE ^B	00250352.S-C0-A2
00037	00850	CUNLAAEB	00250352.S-C0-A2
00037	00850	CUNEAAEB	00250352.S-E0-A1
00037	00850	CUNRAAE ^B	00250352.S-R2-D
00037	00852	CUNEAAEL	00250354.S-E0-A2
00037	00852	CUNRAAEL	00250354.S-R2-A1
00037	00855	CUNRAAEX	00250357.S-RC-D
00037	00857	CUNEAAFC	00250359.S-E0-A1
00037	00857	CUNRAAFC	00250359.S-R2-D
00037	00858	CUNEAAFI	0025035A.S-E0-D
00037	00858	CUNRAAFI	0025035A.S-R2-D
00037	00860	CUNEAAFM	0025035C.S-E0-A1
00037	00860	CUNRAAFM	0025035C.S-RC-D
00037	00861	CUNEAAFP	0025035D.S-E0-A1
00037	00861	CUNRAAFP	0025035D.S-R2-D
00037	00862	CUNEAAFS	0025035E.S-E0-A1
00037	00862	CUNRAAFS	0025035E.S-R2-D
00037	00863	CUNEAAFV	0025035F.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00037	00863	CUNRAAFV	0025035F.S-RC-D
00037	00864	CUNEAAFY	00250360.S-E0-A1
00037	00864	CUNRAAFY	00250360.S-R2-D
00037	00865	CUNEAAAGA	00250361.S-E0-A1
00037	00865	CUNRAAGA	00250361.S-RC-D
00037	00866	CUNRAAGD	00250362.S-R2-D
00037	00869	CUNRAAGP	00250365.S-R2-D
00037	00870	CUNEAAAGW	00250366.S-E0-A2
00037	00870	CUNRAAGW	00250366.S-RC-D
00037	00871	CUNEAAGY	00250367.S-E0-A1
00037	00871	CUNRAAGY	00250367.S-R2-D
00037	00874	CUNEAAAG3	0025036A.S-E0-D
00037	00874	CUNRAAG3	0025036A.S-R2-D
00037	00875	CUNEAAAG8	0025036B.S-E0-A1
00037	00875	CUNRAAG8	0025036B.S-R1-D
00037	00880	CUNEAAHB	00250370.S-E0-A1
00037	00880	CUNRAAHB	00250370.S-R1-D
00037	00897	CUNEAAHK	00250381.S-E0-D
00037	00897	CUNRAAHK	00250381.S-R2-A1
00037	00903	CUNRAAHW	00250387.S-R2-D
00037	00904	CUNEAAHY	00250388.S-E0-D
00037	00905	CUNEAAH0	00250389.S-E0-A1
00037	00905	CUNRAAH0	00250389.S-RC-D
00037	00912	CUNRAAH1	00250390.S-R2-D
00037	00914	CUNRAAH3	00250392.S-R2-D
00037	00915	CUNRAAH4	00250393.S-R2-D
00037	00916	CUNRAAH6	00250394.S-R2-D
00037	00920	CUNRAAIA	00250398.S-R2-D
00037	00921	CUNRAAIB	00250399.S-R2-D
00037	00922	CUNRAAID	0025039A.S-R2-D
00037	00923	CUNEAAIF	0025039B.S-E0-D
00037	00923	CUNRAAIF	0025039B.S-R2-D
00037	00924	CUNEAAIG	0025039C.S-E0-D
00037	00924	CUNRAAIG	0025039C.S-R2-D
00037	01009	CUNEAAAL2	002503F1.S-E0-D
00037	01025	CUNEAAAMG	00250401.S-E0-A1
00037	01025	CUNRAAMG	00250401.S-R1-D
00037	01026	CUNEAAAMH	00250402.S-E0-A1
00037	01026	CUNRAAMH	00250402.S-RC-D
00037	01027	CUNEAAAMI	00250403.S-E0-D
00037	01027	CUNRAAMI	00250403.S-RC-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00037	01040	CUNEAAMK	00250410.S-E0-D
00037	01040	CUNRAAMK	00250410.S-R2-A1
00037	01041	CUNEAAMN	00250411.S-E0-D
00037	01041	CUNRAAMN	00250411.S-R2-A1
00037	01042	CUNRAAMR	00250412.S-R2-D
00037	01043	CUNEAAMU	00250413.S-E0-D
00037	01043	CUNRAAMU	00250413.S-R2-A1
00037	01047	CUNLAAM0	00250417.S-R2-D
00037	01047	CUNRAAM0	00250417.S-R2-D
00037	01051	CUNEAAM2	0025041B.S-E0-A1
00037	01051	CUNRAAM2	0025041B.S-R2-D
00037	01088	CUNRAAM3	00250440.S-RC-D
00037	01089	CUNEAAM6	00250441.S-E0-D
00037	01089	CUNRAAM6	00250441.S-R2-D
00037	01097	CUNEAAM7	00250449.S-E0-A1
00037	01097	CUNRAAM7	00250449.S-R2-D
00037	01100	CUNRAAM9	0025044C.S-R2-D
00037	01112	CUNEAANH	00250458.S-E0-D
00037	01112	CUNRAANH	00250458.S-R2-D
00037	01114	CUNEAANI	0025045A.S-EC-D
00037	01115	CUNEAANM	0025045B.S-E0-D
00037	01122	CUNRAANP	00250462.S-R2-D
00037	01124	CUNEAANR	00250464.S-E0-D
00037	01124	CUNRAANR	00250464.S-R2-D
00037	01126	CUNEAANT	00250466.S-E0-D
00037	01130	CUNRAANZ	0025046A.S-R2-D
00037	01131	CUNEAANO	0025046B.S-E0-D
00037	01131	CUNRAANO	0025046B.S-R2-D
00037	01132	CUNRAAN1	0025046C.S-R2-D
00037	01137	CUNEAAN3	00250471.S-E0-D
00037	01140	CUNEAAN5	00250474.S-E0-D
00037	01141	CUNEAAN6	00250475.S-E0-D
00037	01141	CUNRAAN6	00250475.S-R2-D
00037	01142	CUNEAAN7	00250476.S-E0-D
00037	01142	CUNRAAN7	00250476.S-R2-D
00037	01143	CUNEAAN8	00250477.S-E0-D
00037	01143	CUNRAAN8	00250477.S-R2-D
00037	01144	CUNEAAN9	00250478.S-E0-D
00037	01144	CUNRAAN9	00250478.S-R2-D
00037	01145	CUNEAAOA	00250479.S-E0-D
00037	01145	CUNRAAOA	00250479.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00037	01146	CUNEAAOB	0025047A.S-E0-D
00037	01146	CUNRAAOB	0025047A.S-R2-D
00037	01147	CUNEAAOC	0025047B.S-E0-D
00037	01147	CUNRAAOC	0025047B.S-R2-D
00037	01148	CUNEAAOD	0025047C.S-E0-D
00037	01148	CUNRAAOD	0025047C.S-R2-D
00037	01149	CUNEAAOE	0025047D.S-E0-D
00037	01149	CUNRAAOE	0025047D.S-R2-D
00037	01250	CUNRAAPO	002504E2.S-R2-D
00037	01251	CUNRAAPQ	002504E3.S-R2-D
00037	01252	CUNEAAPS	002504E4.S-E0-A1
00037	01252	CUNRAAPS	002504E4.S-R2-D
00037	01253	CUNRAAPU	002504E5.S-R2-D
00037	01254	CUNRAAPW	002504E6.S-R2-D
00037	01255	CUNRAAPY	002504E7.S-R2-D
00037	01257	CUNRAAP2	002504E9.S-R2-D
00037	01258	CUNEAAP4	002504EA.S-E0-D
00037	01258	CUNRAAP4	002504EA.S-R2-D
00037	01275	CUNRAAP6	002504FB.S-R2-D
00037	01280	CUNRAAQQA	00250500.S-R2-D
00037	01281	CUNRAAQQB	00250501.S-R2-D
00037	01283	CUNRAAQD	00250503.S-R2-D
00037	05348	CUNEAAPT	002514E4.S-E0-D
00037	05348	CUNRAAPT	002514E4.S-R2-D
00037	13488	CUNLAAPG	002534B0.SU-R-D
00037	13488	CUNRAAPG	002534B0.SU-R-D
00256	00037	CUNEAJAA	01000025.S-E0-A1
00256	00037	CUNRAJAA	01000025.S-R2-D
00256	00273	CUNRAJAV	01000111.S-R2-D
00256	00277	CUNRAJA2	01000115.S-R2-D
00256	00278	CUNRAJA4	01000116.S-R2-D
00256	00280	CUNRAJA6	01000118.S-R2-D
00256	00284	CUNRAJBB	0100011C.S-R2-D
00256	00285	CUNRAJBE	0100011D.S-R2-D
00256	00290	CUNEAJBH	01000122.S-E0-D
00256	00297	CUNRAJBN	01000129.S-R2-D
00256	00367	CUNEAJB0	0100016F.S-E0-D
00256	00420	CUNRAJB1	010001A4.S-RC-D
00256	00423	CUNRAJB8	010001A7.S-R1-D
00256	00424	CUNRAJCA	010001A8.S-RC-D
00256	00437	CUNEAJCE	010001B5.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00256	00437	CUNRAJCE	010001B5.S-R2-D
00256	00500	CUNEAJCR	010001F4.S-E0-A1
00256	00500	CUNRAJCR	010001F4.S-R2-D
00256	00737	CUNRAJC6	010002E1.S-R2-D
00256	00775	CUNEAJC8	01000307.S-E0-A1
00256	00775	CUNRAJC8	01000307.S-R2-D
00256	00819	CUNRAJDH	01000333.S-R2-D
00256	00833	CUNEAJDI	01000341.S-E0-D
00256	00836	CUNEAJDU	01000344.S-E0-D
00256	00838	CUNEAJD1	01000346.S-E0-D
00256	00850	CUNEAJEB	01000352.S-E0-D
00256	00850	CUNRAJEB	01000352.S-R2-D
00256	00852	CUNEAJEL	01000354.S-E0-A1
00256	00852	CUNRAJEL	01000354.S-R2-D
00256	00857	CUNEAJFC	01000359.S-E0-A1
00256	00857	CUNRAJFC	01000359.S-R2-D
00256	00860	CUNEAJFM	0100035C.S-E0-A1
00256	00860	CUNRAJFM	0100035C.S-R2-D
00256	00861	CUNEAJFP	0100035D.S-E0-A1
00256	00861	CUNRAJFP	0100035D.S-R2-D
00256	00862	CUNEAJFS	0100035E.S-E0-A1
00256	00862	CUNRAJFS	0100035E.S-R2-D
00256	00863	CUNEAJFV	0100035F.S-E0-A1
00256	00863	CUNRAJFV	0100035F.S-R2-D
00256	00864	CUNEAJFY	01000360.S-E0-A1
00256	00864	CUNRAJFY	01000360.S-R2-D
00256	00865	CUNEAJGA	01000361.S-E0-A1
00256	00865	CUNRAJGA	01000361.S-R2-D
00256	00866	CUNCAJGD	01000362.S-C0-D
00256	00866	CUNEAJGD	01000362.S-EC-A1
00256	00869	CUNRAJGP	01000365.S-R1-D
00256	00870	CUNEAJGW	01000366.S-E0-A1
00256	00870	CUNRAJGW	01000366.S-RC-D
00256	00871	CUNRAJGY	01000367.S-R2-D
00256	00875	CUNRAJG8	0100036B.S-R1-D
00256	00880	CUNRAJHB	01000370.S-R1-D
00256	00905	CUNRAJH0	01000389.S-RC-D
00256	01025	CUNRAJMG	01000401.S-R1-D
00256	01026	CUNRAJMH	01000402.S-RC-D
00256	01027	CUNEAJMI	01000403.S-E0-D
00256	01112	CUNRAJNH	01000458.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00256	01122	CUNRAJNP	01000462.S-R2-D
00256	01251	CUNEAJPQ	010004E3.S-E0-A1
00256	01251	CUNRAJPQ	010004E3.S-R2-D
00256	01252	CUNEAJPS	010004E4.S-E0-A1
00256	01252	CUNRAJPS	010004E4.S-R2-D
00256	01275	CUNRAJP6	010004FB.S-R2-D
00256	13488	CUNRAJPG	010034B0.SU-R-D
00259	00437	CUNEAPCE	010301B5.S-E0-D
00259	00808	CUNEAPD5	01030328.S-E0-D
00259	00850	CUNEAPEB	01030352.S-E0-D
00259	00851	CUNEAPEG	01030353.S-E0-D
00259	00852	CUNEAPEL	01030354.S-E0-D
00259	00855	CUNEAPEX	01030357.S-E0-D
00259	00855	CUNRAPEX	01030357.S-RC-A1
00259	00856	CUNEAPE4	01030358.S-E0-D
00259	00857	CUNEAPFC	01030359.S-E0-D
00259	00858	CUNEAPFI	0103035A.S-E0-D
00259	00860	CUNEAPFM	0103035C.S-E0-D
00259	00861	CUNEAPFP	0103035D.S-E0-D
00259	00862	CUNEAPFS	0103035E.S-E0-D
00259	00863	CUNEAPFV	0103035F.S-E0-D
00259	00864	CUNEAPFY	01030360.S-E0-D
00259	00865	CUNEAPGA	01030361.S-E0-D
00259	00866	CUNEAPGD	01030362.S-EC-D
00259	00867	CUNEAPGF	01030363.S-E0-D
00259	00869	CUNEAPGP	01030365.S-E0-D
00259	00872	CUNEAPG0	01030368.S-E0-D
00259	00874	CUNEAPG3	0103036A.S-E0-D
00259	00899	CUNEAPHR	01030383.S-E0-D
00259	00901	CUNEAPHS	01030385.S-E0-D
00259	00902	CUNEAPHU	01030386.S-E0-D
00259	00915	CUNEAPH4	01030393.S-E0-D
00259	00915	CUNRAPH4	01030393.S-R2-A1
00259	01051	CUNEAPM2	0103041B.S-E0-D
00259	01098	CUNEAPM8	0103044A.S-E0-D
00259	01098	CUNRAPM8	0103044A.S-RC-A1
00259	01161	CUNEAPON	01030489.S-E0-D
00259	01162	CUNEAPOO	0103048A.S-E0-D
00259	01250	CUNEAPPO	010304E2.S-E0-D
00259	01251	CUNEAPPQ	010304E3.S-E0-D
00259	01252	CUNEAPPS	010304E4.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00259	01253	CUNEAPPU	010304E5.S-E0-D
00259	01254	CUNEAPPW	010304E6.S-E0-D
00259	01255	CUNEAPPY	010304E7.S-E0-D
00259	01256	CUNEAPP0	010304E8.S-E0-D
00259	01257	CUNEAPP2	010304E9.S-E0-D
00259	01258	CUNEAPP4	010304EA.S-E0-D
00259	05348	CUNEAPPT	010314E4.S-E0-D
00259	13488	CUNEAPPG	010334B0.SU-E-A1
00259	13488	CUNRAPPG	010334B0.SU-R-D
00273	00037	CUNEAVAA	01110025.S-E0-A1
00273	00037	CUNRAVAA	01110025.S-R2-D
00273	00256	CUNRAVAJ	01110100.S-R2-D
00273	00277	CUNRAVA2	01110115.S-R2-D
00273	00278	CUNRAVA4	01110116.S-R2-D
00273	00280	CUNRAVA6	01110118.S-R2-D
00273	00284	CUNRAVBB	0111011C.S-R2-D
00273	00285	CUNRAVBE	0111011D.S-R2-D
00273	00290	CUNEAVBH	01110122.S-E0-D
00273	00290	CUNRAVBH	01110122.S-R2-A1
00273	00297	CUNRAVBN	01110129.S-R2-D
00273	00367	CUNEAVB0	0111016F.S-E0-D
00273	00423	CUNRAVB8	011101A7.S-R2-D
00273	00437	CUNEAVCE	011101B5.S-E0-A1
00273	00437	CUNRAVCE	011101B5.S-RC-D
00273	00500	CUNEAVCR	011101F4.S-E0-A1
00273	00500	CUNLAVCR	011101F4.S-E0-A1
00273	00500	CUNRAVCR	011101F4.S-R2-D
00273	00737	CUNRAVC6	011102E1.S-R2-D
00273	00775	CUNRAVC8	01110307.S-R2-D
00273	00813	CUNRAVDF	0111032D.S-R2-D
00273	00819	CUNLAVDH	01110333.S-R2-D
00273	00819	CUNRAVDH	01110333.S-R2-D
00273	00833	CUNEAVDI	01110341.S-E0-D
00273	00833	CUNRAVDI	01110341.S-R2-A1
00273	00836	CUNEAVDU	01110344.S-E0-D
00273	00836	CUNRAVDU	01110344.S-R2-A1
00273	00838	CUNEAVD1	01110346.S-E0-D
00273	00850	CUNCAVEB	01110352.S-C0-A1
00273	00850	CUNLAVEB	01110352.S-C0-A1
00273	00850	CUNEAVEB	01110352.S-E0-D
00273	00850	CUNRAVEB	01110352.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00273	00852	CUNEAVEL	01110354.S-E0-A1
00273	00852	CUNRAVEL	01110354.S-RC-D
00273	00855	CUNRAVEX	01110357.S-RC-D
00273	00856	CUNEAVE4	01110358.S-E0-D
00273	00857	CUNEAVFC	01110359.S-E0-A1
00273	00857	CUNRAVFC	01110359.S-R2-D
00273	00858	CUNEAVFI	0111035A.S-E0-D
00273	00858	CUNRAVFI	0111035A.S-R2-D
00273	00860	CUNEAVFM	0111035C.S-E0-A1
00273	00860	CUNRAVFM	0111035C.S-RC-D
00273	00861	CUNEAVFP	0111035D.S-E0-A1
00273	00861	CUNRAVFP	0111035D.S-R2-D
00273	00862	CUNEAVFS	0111035E.S-E0-A1
00273	00862	CUNRAVFS	0111035E.S-R2-D
00273	00863	CUNEAVFV	0111035F.S-E0-A1
00273	00863	CUNRAVFV	0111035F.S-RC-D
00273	00864	CUNEAVFY	01110360.S-E0-A1
00273	00864	CUNRAVFY	01110360.S-R2-D
00273	00865	CUNEAVGA	01110361.S-E0-A1
00273	00865	CUNRAVGA	01110361.S-RC-D
00273	00869	CUNRAVGP	01110365.S-R2-D
00273	00870	CUNRAVGW	01110366.S-R2-D
00273	00871	CUNRAVGY	01110367.S-R2-D
00273	00874	CUNRAVG3	0111036A.S-R2-D
00273	00875	CUNRAVG8	0111036B.S-R2-D
00273	00880	CUNRAVHB	01110370.S-R2-D
00273	00897	CUNRAVHK	01110381.S-R2-D
00273	00903	CUNRAVHW	01110387.S-R2-D
00273	00912	CUNRAVH1	01110390.S-R2-D
00273	00916	CUNRAVH6	01110394.S-R2-D
00273	00920	CUNRAVIA	01110398.S-R2-D
00273	00923	CUNEAVIF	0111039B.S-E0-D
00273	00923	CUNRAVIF	0111039B.S-R2-D
00273	00924	CUNEAVIG	0111039C.S-E0-D
00273	00924	CUNLAVIG	0111039C.S-R2-D
00273	00924	CUNRAVIG	0111039C.S-R2-D
00273	01009	CUNEAVL2	011103F1.S-E0-D
00273	01025	CUNRAVMG	01110401.S-R2-D
00273	01026	CUNRAVMH	01110402.S-R2-D
00273	01027	CUNEAVMI	01110403.S-E0-D
00273	01027	CUNRAVMI	01110403.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00273	01040	CUNEAVMK	01110410.S-E0-D
00273	01040	CUNRAVMK	01110410.S-R2-A1
00273	01041	CUNEAVMN	01110411.S-E0-D
00273	01041	CUNRAVMN	01110411.S-R2-A1
00273	01042	CUNRAVMR	01110412.S-R2-D
00273	01043	CUNEAVMU	01110413.S-E0-D
00273	01043	CUNRAVMU	01110413.S-R2-A1
00273	01047	CUNLAVM0	01110417.S-R2-D
00273	01047	CUNRAVM0	01110417.S-R2-D
00273	01051	CUNEAVM2	0111041B.S-E0-A1
00273	01051	CUNRAVM2	0111041B.S-R2-D
00273	01088	CUNRAVM3	01110440.S-RC-D
00273	01100	CUNRAVM9	0111044C.S-R2-D
00273	01112	CUNRAVNH	01110458.S-R2-D
00273	01122	CUNRAVNP	01110462.S-R2-D
00273	01140	CUNEAVN5	01110474.S-E0-D
00273	01140	CUNRAVN5	01110474.S-R2-D
00273	01141	CUNEAVN6	01110475.S-E0-D
00273	01142	CUNEAVN7	01110476.S-E0-D
00273	01142	CUNRAVN7	01110476.S-R2-D
00273	01143	CUNEAVN8	01110477.S-E0-D
00273	01143	CUNRAVN8	01110477.S-R2-D
00273	01144	CUNEAVN9	01110478.S-E0-D
00273	01144	CUNRAVN9	01110478.S-R2-D
00273	01145	CUNEAVOA	01110479.S-E0-D
00273	01145	CUNRAVOA	01110479.S-R2-D
00273	01146	CUNEAVOB	0111047A.S-E0-D
00273	01146	CUNRAVOB	0111047A.S-R2-D
00273	01147	CUNEAVOC	0111047B.S-E0-D
00273	01147	CUNRAVOC	0111047B.S-R2-D
00273	01148	CUNEAVOD	0111047C.S-E0-D
00273	01148	CUNRAVOD	0111047C.S-R2-D
00273	01149	CUNEAVOE	0111047D.S-E0-D
00273	01149	CUNRAVOE	0111047D.S-R2-D
00273	01250	CUNEAVPO	011104E2.S-E0-D
00273	01250	CUNRAVPO	011104E2.S-R2-D
00273	01252	CUNEAVPS	011104E4.S-E0-A1
00273	01252	CUNRAVPS	011104E4.S-R2-D
00273	01275	CUNRAVP6	011104FB.S-R2-D
00273	05348	CUNEAVPT	011114E4.S-E0-D
00273	05348	CUNRAVPT	011114E4.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00273	13488	CUNLAVPG	011134B0.SU-R-D
00273	13488	CUNRAVPG	011134B0.SU-R-D
00274	00500	CUNLAXCR	011201F4.S-R2-D
00274	00500	CUNRAXCR	011201F4.S-R2-D
00274	00819	CUNEAXDH	01120333.S-E0-D
00274	00819	CUNLAXDH	01120333.S-R2-D
00274	00819	CUNRAXDH	01120333.S-R2-D
00274	00850	CUNEAXEB	01120352.S-E0-D
00274	00850	CUNRAXEB	01120352.S-R2-D
00274	01047	CUNLAXM0	01120417.S-R2-D
00274	01047	CUNRAXM0	01120417.S-R2-D
00274	01148	CUNEAXOD	0112047C.S-E0-D
00274	01148	CUNLAXOD	0112047C.S-R2-D
00274	01148	CUNRAXOD	0112047C.S-R2-D
00274	01252	CUNEAXPS	011204E4.S-E0-D
00274	01252	CUNRAXPS	011204E4.S-R2-D
00274	17584	CUNLAXPH	011244B0.SU-R-D
00274	17584	CUNRAXPH	011244B0.SU-R-D
00275	00037	CUNRAZAA	01130025.S-R2-D
00275	00437	CUNEAZCE	011301B5.S-E0-D
00275	00437	CUNRAZCE	011301B5.S-R2-D
00275	00500	CUNLAZCR	011301F4.S-R2-D
00275	00500	CUNRAZCR	011301F4.S-R2-D
00275	00819	CUNEAZDH	01130333.S-E0-D
00275	00819	CUNLAZDH	01130333.S-R2-D
00275	00819	CUNRAZDH	01130333.S-R2-D
00275	00850	CUNEAZEB	01130352.S-E0-D
00275	00850	CUNRAZEB	01130352.S-R2-D
00275	01047	CUNLAZM0	01130417.S-R2-D
00275	01047	CUNRAZM0	01130417.S-R2-D
00275	01148	CUNEAZOD	0113047C.S-E0-D
00275	01148	CUNLAZOD	0113047C.S-R2-D
00275	01148	CUNRAZOD	0113047C.S-R2-D
00275	01252	CUNEAZPS	011304E4.S-E0-D
00275	01252	CUNRAZPS	011304E4.S-R2-D
00275	05348	CUNEAZPT	011314E4.S-E0-D
00275	05348	CUNRAZPT	011314E4.S-R2-D
00275	13488	CUNLAZPG	011334B0.SU-R-D
00275	13488	CUNRAZPG	011334B0.SU-R-D
00277	00037	CUNEAA2AA	01150025.S-E0-A1
00277	00037	CUNRA2AA	01150025.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00277	00256	CUNRA2AJ	01150100.S-R2-D
00277	00273	CUNRA2AV	01150111.S-R2-D
00277	00278	CUNRA2A4	01150116.S-R2-D
00277	00280	CUNRA2A6	01150118.S-R2-D
00277	00284	CUNRA2BB	0115011C.S-R2-D
00277	00285	CUNRA2BE	0115011D.S-R2-D
00277	00290	CUNEA2BH	01150122.S-E0-D
00277	00290	CUNRA2BH	01150122.S-R2-A1
00277	00297	CUNRA2BN	01150129.S-R2-D
00277	00367	CUNEA2B0	0115016F.S-E0-D
00277	00423	CUNRA2B8	011501A7.S-R2-D
00277	00437	CUNEA2CE	011501B5.S-E0-A1
00277	00437	CUNRA2CE	011501B5.S-RC-D
00277	00500	CUNEA2CR	011501F4.S-E0-A1
00277	00500	CUNLA2CR	011501F4.S-E0-A1
00277	00500	CUNRA2CR	011501F4.S-R2-D
00277	00737	CUNRA2C6	011502E1.S-R2-D
00277	00775	CUNEA2C8	01150307.S-E0-A1
00277	00775	CUNRA2C8	01150307.S-R2-D
00277	00813	CUNRA2DF	0115032D.S-R2-D
00277	00819	CUNLA2DH	01150333.S-R2-D
00277	00819	CUNRA2DH	01150333.S-R2-D
00277	00833	CUNEA2DI	01150341.S-E0-D
00277	00833	CUNRA2DI	01150341.S-R2-A1
00277	00836	CUNEA2DU	01150344.S-E0-D
00277	00836	CUNRA2DU	01150344.S-R2-A1
00277	00838	CUNEA2D1	01150346.S-E0-D
00277	00850	CUNCA2EB	01150352.S-C0-A2
00277	00850	CUNLA2EB	01150352.S-C0-A2
00277	00850	CUNEA2EB	01150352.S-E0-A1
00277	00850	CUNRA2EB	01150352.S-R2-D
00277	00852	CUNEA2EL	01150354.S-E0-A1
00277	00852	CUNRA2EL	01150354.S-RC-D
00277	00855	CUNRA2EX	01150357.S-RC-D
00277	00857	CUNEA2FC	01150359.S-E0-A1
00277	00857	CUNRA2FC	01150359.S-R2-D
00277	00858	CUNEA2FI	0115035A.S-E0-D
00277	00858	CUNRA2FI	0115035A.S-R2-D
00277	00860	CUNEA2FM	0115035C.S-E0-A1
00277	00860	CUNRA2FM	0115035C.S-RC-D
00277	00861	CUNEA2FP	0115035D.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00277	00861	CUNRA2FP	0115035D.S-R2-D
00277	00862	CUNEA2FS	0115035E.S-E0-A1
00277	00862	CUNRA2FS	0115035E.S-R2-D
00277	00863	CUNEA2FV	0115035F.S-E0-A1
00277	00863	CUNRA2FV	0115035F.S-RC-D
00277	00864	CUNEA2FY	01150360.S-E0-A1
00277	00864	CUNRA2FY	01150360.S-R2-D
00277	00865	CUNEA2GA	01150361.S-E0-A1
00277	00865	CUNRA2GA	01150361.S-RC-D
00277	00869	CUNRA2GP	01150365.S-R2-D
00277	00870	CUNRA2GW	01150366.S-R2-D
00277	00871	CUNRA2GY	01150367.S-R2-D
00277	00874	CUNRA2G3	0115036A.S-R2-D
00277	00875	CUNRA2G8	0115036B.S-R2-D
00277	00880	CUNRA2HB	01150370.S-R2-D
00277	00897	CUNRA2HK	01150381.S-R2-D
00277	00903	CUNRA2HW	01150387.S-R2-D
00277	00912	CUNRA2H1	01150390.S-R2-D
00277	00916	CUNRA2H6	01150394.S-R2-D
00277	00920	CUNRA2IA	01150398.S-R2-D
00277	00923	CUNEA2IF	0115039B.S-E0-D
00277	00923	CUNRA2IF	0115039B.S-R2-D
00277	00924	CUNEA2IG	0115039C.S-E0-D
00277	00924	CUNRA2IG	0115039C.S-R2-D
00277	01009	CUNEA2L2	011503F1.S-E0-D
00277	01025	CUNRA2MG	01150401.S-R2-D
00277	01026	CUNRA2MH	01150402.S-R2-D
00277	01027	CUNEA2MI	01150403.S-E0-D
00277	01027	CUNRA2MI	01150403.S-R2-A1
00277	01040	CUNEA2MK	01150410.S-E0-D
00277	01040	CUNRA2MK	01150410.S-R2-A1
00277	01041	CUNEA2MN	01150411.S-E0-D
00277	01041	CUNRA2MN	01150411.S-R2-A1
00277	01042	CUNRA2MR	01150412.S-R2-D
00277	01043	CUNEA2MU	01150413.S-E0-D
00277	01043	CUNRA2MU	01150413.S-R2-A1
00277	01047	CUNLA2M0	01150417.S-R2-D
00277	01047	CUNRA2M0	01150417.S-R2-D
00277	01051	CUNEA2M2	0115041B.S-E0-A1
00277	01051	CUNRA2M2	0115041B.S-R2-D
00277	01088	CUNRA2M3	01150440.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00277	01100	CUNRA2M9	0115044C.S-R2-D
00277	01112	CUNRA2NH	01150458.S-R2-D
00277	01122	CUNRA2NP	01150462.S-R2-D
00277	01140	CUNEA2N5	01150474.S-E0-D
00277	01140	CUNRA2N5	01150474.S-R2-D
00277	01141	CUNEA2N6	01150475.S-E0-D
00277	01141	CUNRA2N6	01150475.S-R2-D
00277	01142	CUNEA2N7	01150476.S-E0-D
00277	01143	CUNEA2N8	01150477.S-E0-D
00277	01143	CUNRA2N8	01150477.S-R2-D
00277	01144	CUNEA2N9	01150478.S-E0-D
00277	01144	CUNRA2N9	01150478.S-R2-D
00277	01145	CUNEA2OA	01150479.S-E0-D
00277	01145	CUNRA2OA	01150479.S-R2-D
00277	01146	CUNEA2OB	0115047A.S-E0-D
00277	01146	CUNRA2OB	0115047A.S-R2-D
00277	01147	CUNEA2OC	0115047B.S-E0-D
00277	01147	CUNRA2OC	0115047B.S-R2-D
00277	01148	CUNEA2OD	0115047C.S-E0-D
00277	01149	CUNEA2OE	0115047D.S-E0-D
00277	01149	CUNRA2OE	0115047D.S-R2-D
00277	01252	CUNEA2PS	011504E4.S-E0-A1
00277	01252	CUNRA2PS	011504E4.S-R2-D
00277	01275	CUNRA2P6	011504FB.S-R2-D
00277	05348	CUNEA2PT	011514E4.S-E0-D
00277	05348	CUNRA2PT	011514E4.S-R2-D
00277	13488	CUNLA2PG	011534B0.SU-R-D
00277	13488	CUNRA2PG	011534B0.SU-R-D
00278	00037	CUNEA4AA	01160025.S-E0-A1
00278	00037	CUNRA4AA	01160025.S-R2-D
00278	00256	CUNRA4AJ	01160100.S-R2-D
00278	00273	CUNRA4AV	01160111.S-R2-D
00278	00277	CUNRA4A2	01160115.S-R2-D
00278	00280	CUNRA4A6	01160118.S-R2-D
00278	00284	CUNRA4BB	0116011C.S-R2-D
00278	00285	CUNRA4BE	0116011D.S-R2-D
00278	00290	CUNEA4BH	01160122.S-E0-D
00278	00290	CUNRA4BH	01160122.S-R2-A1
00278	00297	CUNRA4BN	01160129.S-R2-D
00278	00367	CUNEA4B0	0116016F.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00278	00423	CUNRA4B8	011601A7.S-R2-D
00278	00437	CUNEA4CE	011601B5.S-E0-A1
00278	00437	CUNRA4CE	011601B5.S-RC-D
00278	00500	CUNEA4CR	011601F4.S-E0-A1
00278	00500	CUNLA4CR	011601F4.S-E0-A1
00278	00500	CUNRA4CR	011601F4.S-R2-D
00278	00737	CUNRA4C6	011602E1.S-R2-D
00278	00775	CUNRA4C8	01160307.S-R2-D
00278	00813	CUNRA4DF	0116032D.S-R2-D
00278	00819	CUNLA4DH	01160333.S-R2-D
00278	00819	CUNRA4DH	01160333.S-R2-D
00278	00833	CUNEA4DI	01160341.S-E0-D
00278	00833	CUNRA4DI	01160341.S-R2-A1
00278	00836	CUNEA4DU	01160344.S-E0-D
00278	00836	CUNRA4DU	01160344.S-R2-A1
00278	00838	CUNEA4D1	01160346.S-E0-D
00278	00850	CUNCA4EB	01160352.S-C0-A2
00278	00850	CUNLA4EB	01160352.S-C0-A2
00278	00850	CUNEA4EB	01160352.S-E0-A1
00278	00850	CUNRA4EB	01160352.S-R2-D
00278	00852	CUNEA4EL	01160354.S-E0-A1
00278	00852	CUNRA4EL	01160354.S-RC-D
00278	00855	CUNRA4EX	01160357.S-RC-D
00278	00857	CUNEA4FC	01160359.S-E0-A1
00278	00857	CUNRA4FC	01160359.S-R2-D
00278	00858	CUNEA4FI	0116035A.S-E0-D
00278	00858	CUNRA4FI	0116035A.S-R2-D
00278	00860	CUNEA4FM	0116035C.S-E0-A1
00278	00860	CUNRA4FM	0116035C.S-RC-D
00278	00861	CUNEA4FP	0116035D.S-E0-A1
00278	00861	CUNRA4FP	0116035D.S-R2-D
00278	00862	CUNEA4FS	0116035E.S-E0-A1
00278	00862	CUNRA4FS	0116035E.S-R2-D
00278	00863	CUNEA4FV	0116035F.S-E0-A1
00278	00863	CUNRA4FV	0116035F.S-RC-D
00278	00864	CUNEA4FY	01160360.S-E0-A1
00278	00864	CUNRA4FY	01160360.S-R2-D
00278	00865	CUNEA4GA	01160361.S-E0-A1
00278	00865	CUNRA4GA	01160361.S-RC-D
00278	00869	CUNRA4GP	01160365.S-R2-D
00278	00870	CUNRA4GW	01160366.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00278	00871	CUNRA4GY	01160367.S-R2-D
00278	00874	CUNRA4G3	0116036A.S-R2-D
00278	00875	CUNRA4G8	0116036B.S-R2-D
00278	00880	CUNRA4HB	01160370.S-R2-D
00278	00897	CUNRA4HK	01160381.S-R2-D
00278	00903	CUNRA4HW	01160387.S-R2-D
00278	00912	CUNRA4H1	01160390.S-R2-D
00278	00916	CUNRA4H6	01160394.S-R2-D
00278	00920	CUNRA4IA	01160398.S-R2-D
00278	00923	CUNEA4IF	0116039B.S-E0-D
00278	00923	CUNRA4IF	0116039B.S-R2-D
00278	00924	CUNEA4IG	0116039C.S-E0-D
00278	00924	CUNLA4IG	0116039C.S-R2-D
00278	00924	CUNRA4IG	0116039C.S-R2-D
00278	01009	CUNEA4L2	011603F1.S-E0-D
00278	01025	CUNRA4MG	01160401.S-R2-D
00278	01026	CUNRA4MH	01160402.S-R2-D
00278	01027	CUNEA4MI	01160403.S-E0-D
00278	01027	CUNRA4MI	01160403.S-R2-A1
00278	01040	CUNEA4MK	01160410.S-E0-D
00278	01040	CUNRA4MK	01160410.S-R2-A1
00278	01041	CUNEA4MN	01160411.S-E0-D
00278	01041	CUNRA4MN	01160411.S-R2-A1
00278	01042	CUNRA4MR	01160412.S-R2-D
00278	01043	CUNEA4MU	01160413.S-E0-D
00278	01043	CUNRA4MU	01160413.S-R2-A1
00278	01047	CUNLA4M0	01160417.S-R2-D
00278	01051	CUNEA4M2	0116041B.S-E0-A1
00278	01051	CUNRA4M2	0116041B.S-R2-D
00278	01088	CUNRA4M3	01160440.S-RC-D
00278	01100	CUNRA4M9	0116044C.S-R2-D
00278	01112	CUNRA4NH	01160458.S-R2-D
00278	01122	CUNRA4NP	01160462.S-R2-D
00278	01140	CUNEA4N5	01160474.S-E0-D
00278	01140	CUNRA4N5	01160474.S-R2-D
00278	01141	CUNEA4N6	01160475.S-E0-D
00278	01141	CUNRA4N6	01160475.S-R2-D
00278	01142	CUNEA4N7	01160476.S-E0-D
00278	01142	CUNRA4N7	01160476.S-R2-D
00278	01143	CUNEA4N8	01160477.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00278	01144	CUNEA4N9	01160478.S-E0-D
00278	01144	CUNRA4N9	01160478.S-R2-D
00278	01145	CUNEA4OA	01160479.S-E0-D
00278	01145	CUNRA4OA	01160479.S-R2-D
00278	01146	CUNEA4OB	0116047A.S-E0-D
00278	01146	CUNRA4OB	0116047A.S-R2-D
00278	01147	CUNEA4OC	0116047B.S-E0-D
00278	01147	CUNRA4OC	0116047B.S-R2-D
00278	01148	CUNEA4OD	0116047C.S-E0-D
00278	01148	CUNRA4OD	0116047C.S-R2-D
00278	01149	CUNEA4OE	0116047D.S-E0-D
00278	01149	CUNRA4OE	0116047D.S-R2-D
00278	01252	CUNEA4PS	011604E4.S-E0-A1
00278	01252	CUNRA4PS	011604E4.S-R2-D
00278	01275	CUNRA4P6	011604FB.S-R2-D
00278	05348	CUNEA4PT	011614E4.S-E0-D
00278	05348	CUNRA4PT	011614E4.S-R2-D
00278	13488	CUNLA4PG	011634B0.SU-R-D
00278	13488	CUNRA4PG	011634B0.SU-R-D
00280	00037	CUNEA6AA	01180025.S-E0-A1
00280	00037	CUNRA6AA	01180025.S-R2-D
00280	00256	CUNRA6AJ	01180100.S-R2-D
00280	00273	CUNRA6AV	01180111.S-R2-D
00280	00277	CUNRA6A2	01180115.S-R2-D
00280	00278	CUNRA6A4	01180116.S-R2-D
00280	00284	CUNRA6BB	0118011C.S-R2-D
00280	00285	CUNRA6BE	0118011D.S-R2-D
00280	00290	CUNEA6BH	01180122.S-E0-D
00280	00290	CUNRA6BH	01180122.S-R2-A1
00280	00297	CUNRA6BN	01180129.S-R2-D
00280	00367	CUNEA6B0	0118016F.S-E0-D
00280	00423	CUNRA6B8	011801A7.S-R2-D
00280	00437	CUNEA6CE	011801B5.S-E0-A1
00280	00437	CUNRA6CE	011801B5.S-RC-D
00280	00500	CUNEA6CR	011801F4.S-E0-A1
00280	00500	CUNLA6CR	011801F4.S-E0-A1
00280	00500	CUNRA6CR	011801F4.S-R2-D
00280	00737	CUNRA6C6	011802E1.S-R2-D
00280	00775	CUNEA6C8	01180307.S-E0-A1
00280	00775	CUNRA6C8	01180307.S-R2-D
00280	00813	CUNRA6DF	0118032D.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00280	00819	CUNLA6DH	01180333.S-R2-D
00280	00819	CUNRA6DH	01180333.S-R2-D
00280	00833	CUNEA6DI	01180341.S-E0-D
00280	00833	CUNRA6DI	01180341.S-R2-A1
00280	00836	CUNEA6DU	01180344.S-E0-D
00280	00836	CUNRA6DU	01180344.S-R2-A1
00280	00838	CUNEA6D1	01180346.S-E0-D
00280	00850	CUNCA6EB	01180352.S-C0-A2
00280	00850	CUNLA6EB	01180352.S-C0-A2
00280	00850	CUNEA6EB	01180352.S-E0-A1
00280	00850	CUNRA6EB	01180352.S-R2-D
00280	00852	CUNEA6EL	01180354.S-E0-A1
00280	00852	CUNRA6EL	01180354.S-RC-D
00280	00855	CUNRA6EX	01180357.S-RC-D
00280	00857	CUNEA6FC	01180359.S-E0-A1
00280	00857	CUNRA6FC	01180359.S-R2-D
00280	00858	CUNEA6FI	0118035A.S-E0-D
00280	00858	CUNRA6FI	0118035A.S-R2-D
00280	00860	CUNEA6FM	0118035C.S-E0-A1
00280	00860	CUNRA6FM	0118035C.S-RC-D
00280	00861	CUNEA6FP	0118035D.S-E0-A1
00280	00861	CUNRA6FP	0118035D.S-R2-D
00280	00862	CUNEA6FS	0118035E.S-E0-A1
00280	00862	CUNRA6FS	0118035E.S-R2-D
00280	00863	CUNEA6FV	0118035F.S-E0-A1
00280	00863	CUNRA6FV	0118035F.S-RC-D
00280	00864	CUNEA6FY	01180360.S-E0-A1
00280	00864	CUNRA6FY	01180360.S-R2-D
00280	00865	CUNEA6GA	01180361.S-E0-A1
00280	00865	CUNRA6GA	01180361.S-RC-D
00280	00869	CUNRA6GP	01180365.S-R2-D
00280	00870	CUNRA6GW	01180366.S-R2-D
00280	00871	CUNRA6GY	01180367.S-R2-D
00280	00874	CUNRA6G3	0118036A.S-R2-D
00280	00875	CUNRA6G8	0118036B.S-R2-D
00280	00880	CUNRA6HB	01180370.S-R2-D
00280	00897	CUNRA6HK	01180381.S-R2-D
00280	00903	CUNRA6HW	01180387.S-R2-D
00280	00912	CUNRA6H1	01180390.S-R2-D
00280	00916	CUNRA6H6	01180394.S-R2-D
00280	00920	CUNRA6IA	01180398.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00280	00923	CUNEA6IF	0118039B.S-E0-D
00280	00923	CUNRA6IF	0118039B.S-R2-D
00280	00924	CUNEA6IG	0118039C.S-E0-D
00280	00924	CUNLA6IG	0118039C.S-R2-D
00280	00924	CUNRA6IG	0118039C.S-R2-D
00280	01009	CUNEA6L2	011803F1.S-E0-D
00280	01025	CUNRA6MG	01180401.S-R2-D
00280	01026	CUNRA6MH	01180402.S-R2-D
00280	01027	CUNEA6MI	01180403.S-E0-D
00280	01027	CUNRA6MI	01180403.S-R2-A1
00280	01040	CUNEA6MK	01180410.S-E0-D
00280	01040	CUNRA6MK	01180410.S-R2-A1
00280	01041	CUNEA6MN	01180411.S-E0-D
00280	01041	CUNRA6MN	01180411.S-R2-A1
00280	01042	CUNRA6MR	01180412.S-R2-D
00280	01043	CUNEA6MU	01180413.S-E0-D
00280	01043	CUNRA6MU	01180413.S-R2-A1
00280	01047	CUNLA6M0	01180417.S-R2-D
00280	01047	CUNRA6M0	01180417.S-R2-D
00280	01051	CUNEA6M2	0118041B.S-E0-A1
00280	01051	CUNRA6M2	0118041B.S-R2-D
00280	01088	CUNRA6M3	01180440.S-RC-D
00280	01100	CUNRA6M9	0118044C.S-R2-D
00280	01112	CUNRA6NH	01180458.S-R2-D
00280	01122	CUNRA6NP	01180462.S-R2-D
00280	01140	CUNEA6N5	01180474.S-E0-D
00280	01140	CUNRA6N5	01180474.S-R2-D
00280	01141	CUNEA6N6	01180475.S-E0-D
00280	01141	CUNRA6N6	01180475.S-R2-D
00280	01142	CUNEA6N7	01180476.S-E0-D
00280	01142	CUNRA6N7	01180476.S-R2-D
00280	01143	CUNEA6N8	01180477.S-E0-D
00280	01143	CUNRA6N8	01180477.S-R2-D
00280	01144	CUNEA6N9	01180478.S-E0-D
00280	01145	CUNEA6OA	01180479.S-E0-D
00280	01145	CUNRA6OA	01180479.S-R2-D
00280	01146	CUNEA6OB	0118047A.S-E0-D
00280	01146	CUNRA6OB	0118047A.S-R2-D
00280	01147	CUNEA6OC	0118047B.S-E0-D
00280	01147	CUNRA6OC	0118047B.S-R2-D
00280	01148	CUNEA6OD	0118047C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00280	01148	CUNRA6OD	0118047C.S-R2-D
00280	01149	CUNEA6OE	0118047D.S-E0-D
00280	01149	CUNRA6OE	0118047D.S-R2-D
00280	01252	CUNEA6PS	011804E4.S-E0-A1
00280	01252	CUNRA6PS	011804E4.S-R2-D
00280	01275	CUNRA6P6	011804FB.S-R2-D
00280	05348	CUNEA6PT	011814E4.S-E0-D
00280	05348	CUNRA6PT	011814E4.S-R2-D
00280	13488	CUNLA6PG	011834B0.SU-R-D
00280	13488	CUNRA6PG	011834B0.SU-R-D
00281	00500	CUNEA8CR	011901F4.S-E0-D
00281	00500	CUNLA8CR	011901F4.S-E0-D
00281	00500	CUNRA8CR	011901F4.S-R2-D
00281	00819	CUNEA8DH	01190333.S-E0-D
00281	00819	CUNLA8DH	01190333.S-R2-D
00281	00819	CUNRA8DH	01190333.S-R2-D
00281	01047	CUNLA8M0	01190417.S-R2-D
00281	01047	CUNRA8M0	01190417.S-R2-D
00281	01148	CUNEA8OD	0119047C.S-E0-D
00281	01148	CUNLA8OD	0119047C.S-R2-D
00281	01148	CUNRA8OD	0119047C.S-R2-D
00282	00500	CUNLA9CR	011A01F4.S-R2-D
00282	00500	CUNRA9CR	011A01F4.S-R2-D
00282	00819	CUNEA9DH	011A0333.S-E0-D
00282	00819	CUNLA9DH	011A0333.S-R2-D
00282	00819	CUNRA9DH	011A0333.S-R2-D
00282	01047	CUNLA9M0	011A0417.S-R2-D
00282	01047	CUNRA9M0	011A0417.S-R2-D
00282	01051	CUNEA9M2	011A041B.S-E0-D
00282	01148	CUNEA9OD	011A047C.S-E0-D
00282	01148	CUNLA9OD	011A047C.S-R2-D
00282	01148	CUNRA9OD	011A047C.S-R2-D
00282	13488	CUNLA9PG	011A34B0.SU-R-D
00282	13488	CUNRA9PG	011A34B0.SU-R-D
00284	00037	CUNEBBAA	011C0025.S-E0-A1
00284	00037	CUNRBBA	011C0025.S-R2-D
00284	00256	CUNRBBAJ	011C0100.S-R2-D
00284	00273	CUNRBBAV	011C0111.S-R2-D
00284	00277	CUNRBBA2	011C0115.S-R2-D
00284	00278	CUNRBBA4	011C0116.S-R2-D
00284	00280	CUNRBBA6	011C0118.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00284	00285	CUNRBBE	011C011D.S-R2-D
00284	00290	CUNEBBBH	011C0122.S-E0-D
00284	00290	CUNRBBBH	011C0122.S-R2-A1
00284	00297	CUNRBBBN	011C0129.S-R2-D
00284	00367	CUNEBBB0	011C016F.S-E0-D
00284	00423	CUNRBBB8	011C01A7.S-R2-D
00284	00437	CUNEBBCE	011C01B5.S-E0-A1
00284	00437	CUNRBBCF	011C01B5.S-RC-D
00284	00500	CUNEBBCR	011C01F4.S-E0-A1
00284	00500	CUNLBBCR	011C01F4.S-E0-A1
00284	00500	CUNRBBCR	011C01F4.S-R2-D
00284	00737	CUNRBBC6	011C02E1.S-R2-D
00284	00775	CUNRBBC8	011C0307.S-R2-D
00284	00813	CUNRBBD	011C032D.S-R2-D
00284	00819	CUNLBBDH	011C0333.S-R2-D
00284	00819	CUNRBBDH	011C0333.S-R2-D
00284	00833	CUNEBBDI	011C0341.S-E0-D
00284	00833	CUNRBBDI	011C0341.S-R2-A1
00284	00836	CUNEBBDU	011C0344.S-E0-D
00284	00836	CUNRBBDU	011C0344.S-R2-A1
00284	00838	CUNEBBD1	011C0346.S-E0-D
00284	00850	CUNCBBEB	011C0352.S-C0-A2
00284	00850	CUNLBBE	011C0352.S-C0-A2
00284	00850	CUNEBBE	011C0352.S-E0-A1
00284	00850	CUNRBBE	011C0352.S-R2-D
00284	00852	CUNEBBEL	011C0354.S-E0-A1
00284	00852	CUNRBEL	011C0354.S-RC-D
00284	00855	CUNRBEX	011C0357.S-RC-D
00284	00857	CUNEBBFC	011C0359.S-E0-A1
00284	00857	CUNRBFC	011C0359.S-R2-D
00284	00858	CUNEBBF	011C035A.S-E0-D
00284	00858	CUNRBFI	011C035A.S-R2-D
00284	00860	CUNEBBFM	011C035C.S-E0-A1
00284	00860	CUNRBFM	011C035C.S-RC-D
00284	00861	CUNEBFP	011C035D.S-E0-A1
00284	00861	CUNRBFP	011C035D.S-RC-D
00284	00862	CUNEBFS	011C035E.S-E0-A1
00284	00862	CUNRBFS	011C035E.S-R2-D
00284	00863	CUNEBFV	011C035F.S-E0-A1
00284	00863	CUNRBVF	011C035F.S-RC-D
00284	00864	CUNEBFY	011C0360.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00284	00864	CUNRBBFY	011C0360.S-R2-D
00284	00865	CUNEBCGA	011C0361.S-E0-A1
00284	00865	CUNRBBGA	011C0361.S-RC-D
00284	00869	CUNRBBGP	011C0365.S-RC-D
00284	00870	CUNRBBGW	011C0366.S-R2-D
00284	00871	CUNRBBGY	011C0367.S-R2-D
00284	00874	CUNRBBG3	011C036A.S-R2-D
00284	00875	CUNRBBG8	011C036B.S-R2-D
00284	00880	CUNRBBHB	011C0370.S-R2-D
00284	00897	CUNRBBHK	011C0381.S-R2-D
00284	00903	CUNRBBHW	011C0387.S-R2-D
00284	00912	CUNRBBH1	011C0390.S-R2-D
00284	00916	CUNRBBH6	011C0394.S-R2-D
00284	00920	CUNRBBIA	011C0398.S-R2-D
00284	00923	CUNEBCIF	011C039B.S-E0-D
00284	00923	CUNRBBIF	011C039B.S-R2-D
00284	00924	CUNEBCIG	011C039C.S-E0-D
00284	00924	CUNLBBIG	011C039C.S-R2-D
00284	00924	CUNRBBIG	011C039C.S-R2-D
00284	01009	CUNEBCBL2	011C03F1.S-E0-D
00284	01025	CUNRBBMG	011C0401.S-R2-D
00284	01026	CUNRBBMH	011C0402.S-R2-D
00284	01027	CUNEBCMI	011C0403.S-E0-D
00284	01027	CUNRBBMI	011C0403.S-R2-A1
00284	01040	CUNEBCMK	011C0410.S-E0-D
00284	01040	CUNRBBMK	011C0410.S-R2-A1
00284	01041	CUNEBCMN	011C0411.S-E0-D
00284	01041	CUNRBBMN	011C0411.S-R2-A1
00284	01042	CUNRBBMR	011C0412.S-R2-D
00284	01043	CUNEBCMU	011C0413.S-E0-D
00284	01043	CUNRBBMU	011C0413.S-R2-A1
00284	01047	CUNLBBM0	011C0417.S-R2-D
00284	01047	CUNRBBM0	011C0417.S-R2-D
00284	01051	CUNEBCM2	011C041B.S-E0-A1
00284	01051	CUNRBBM2	011C041B.S-R2-D
00284	01088	CUNRBBM3	011C0440.S-RC-D
00284	01100	CUNRBBM9	011C044C.S-R2-D
00284	01112	CUNRBBNH	011C0458.S-R2-D
00284	01122	CUNRBBNP	011C0462.S-R2-D
00284	01140	CUNEBCN5	011C0474.S-E0-D
00284	01140	CUNRBCN5	011C0474.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00284	01141	CUNEBBN6	011C0475.S-E0-D
00284	01141	CUNRBBN6	011C0475.S-R2-D
00284	01142	CUNEBBN7	011C0476.S-E0-D
00284	01142	CUNRBBN7	011C0476.S-R2-D
00284	01143	CUNEBBN8	011C0477.S-E0-D
00284	01143	CUNRBBN8	011C0477.S-R2-D
00284	01144	CUNEBBN9	011C0478.S-E0-D
00284	01144	CUNRBBN9	011C0478.S-R2-D
00284	01145	CUNEBBOA	011C0479.S-E0-D
00284	01146	CUNEBBOB	011C047A.S-E0-D
00284	01146	CUNRBBOB	011C047A.S-R2-D
00284	01147	CUNEBBOC	011C047B.S-E0-D
00284	01147	CUNRBBOC	011C047B.S-R2-D
00284	01148	CUNEBBOD	011C047C.S-E0-D
00284	01148	CUNRBBD	011C047C.S-R2-D
00284	01149	CUNEBBOE	011C047D.S-E0-D
00284	01149	CUNRBBOE	011C047D.S-R2-D
00284	01252	CUNEBBPS	011C04E4.S-E0-A1
00284	01252	CUNRBbps	011C04E4.S-R2-D
00284	01275	CUNRBbp6	011C04FB.S-R2-D
00284	05348	CUNEBBPT	011C14E4.S-E0-D
00284	05348	CUNRBbpt	011C14E4.S-R2-D
00284	13488	CUNLBPG	011C34B0.SU-R-D
00284	13488	CUNRBPG	011C34B0.SU-R-D
00285	00037	CUNEBAAA	011D0025.S-E0-A1
00285	00037	CUNRBEAA	011D0025.S-R2-D
00285	00256	CUNRBEAJ	011D0100.S-R2-D
00285	00273	CUNRBEAV	011D0111.S-R2-D
00285	00277	CUNRBEA2	011D0115.S-R2-D
00285	00278	CUNRBEA4	011D0116.S-R2-D
00285	00280	CUNRBEA6	011D0118.S-R2-D
00285	00284	CUNRBEBB	011D011C.S-R2-D
00285	00290	CUNEBEBH	011D0122.S-E0-D
00285	00290	CUNRBEBH	011D0122.S-R2-A1
00285	00297	CUNRBEBN	011D0129.S-R2-D
00285	00423	CUNRBEB8	011D01A7.S-R2-D
00285	00437	CUNEBECE	011D01B5.S-E0-A1
00285	00437	CUNRBECe	011D01B5.S-RC-D
00285	00500	CUNEBCR	011D01F4.S-E0-A1
00285	00500	CUNLBECR	011D01F4.S-E0-A1
00285	00500	CUNRBECR	011D01F4.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00285	00737	CUNRBEC6	011D02E1.S-R2-D
00285	00775	CUNEBC8	011D0307.S-E0-A1
00285	00775	CUNRBEC8	011D0307.S-R2-D
00285	00813	CUNRBEDF	011D032D.S-R2-D
00285	00819	CUNLBEDH	011D0333.S-R2-D
00285	00819	CUNRBEDH	011D0333.S-R2-D
00285	00833	CUNEBCIDI	011D0341.S-E0-D
00285	00833	CUNRBEDI	011D0341.S-R2-A1
00285	00836	CUNEBCDU	011D0344.S-E0-D
00285	00836	CUNRBEDU	011D0344.S-R2-A1
00285	00838	CUNEBCD1	011D0346.S-E0-D
00285	00850	CUNCBEEB	011D0352.S-C0-A1
00285	00850	CUNLBEEB	011D0352.S-C0-A1
00285	00850	CUNEBCEB	011D0352.S-E0-D
00285	00850	CUNRBEEB	011D0352.S-R2-D
00285	00852	CUNEBCEL	011D0354.S-E0-A1
00285	00852	CUNRBEEEL	011D0354.S-RC-D
00285	00855	CUNRBEEEX	011D0357.S-RC-D
00285	00857	CUNEBCFC	011D0359.S-E0-A1
00285	00857	CUNRBECFC	011D0359.S-R2-D
00285	00858	CUNEBCFI	011D035A.S-E0-D
00285	00858	CUNRBECFI	011D035A.S-R2-D
00285	00860	CUNEBCFM	011D035C.S-E0-A1
00285	00860	CUNRBECFM	011D035C.S-RC-D
00285	00861	CUNEBCFP	011D035D.S-E0-A1
00285	00861	CUNRBECFP	011D035D.S-R2-D
00285	00862	CUNEBCFS	011D035E.S-E0-A1
00285	00862	CUNRBECFS	011D035E.S-R2-D
00285	00863	CUNEBCFV	011D035F.S-E0-A1
00285	00863	CUNRBECFV	011D035F.S-RC-D
00285	00864	CUNEBCFY	011D0360.S-E0-A1
00285	00864	CUNRBECFY	011D0360.S-R2-D
00285	00865	CUNEBCGA	011D0361.S-E0-A1
00285	00865	CUNRBECGA	011D0361.S-RC-D
00285	00869	CUNRBEGP	011D0365.S-R2-D
00285	00870	CUNRBEGW	011D0366.S-R2-D
00285	00871	CUNRBEGY	011D0367.S-R2-D
00285	00874	CUNRBEG3	011D036A.S-R2-D
00285	00875	CUNRBEG8	011D036B.S-R2-D
00285	00880	CUNRBEBH	011D0370.S-R2-D
00285	00897	CUNRBEHK	011D0381.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00285	00903	CUNRBEHW	011D0387.S-R2-D
00285	00912	CUNRBEH1	011D0390.S-R2-D
00285	00916	CUNRBEH6	011D0394.S-R2-D
00285	00920	CUNRBEIA	011D0398.S-R2-D
00285	00923	CUNEBEIF	011D039B.S-E0-D
00285	00923	CUNRBEIF	011D039B.S-R2-D
00285	00924	CUNEBEIG	011D039C.S-E0-D
00285	00924	CUNLBEIG	011D039C.S-R2-D
00285	00924	CUNRBEIG	011D039C.S-R2-D
00285	01025	CUNRBEMG	011D0401.S-R2-D
00285	01026	CUNRBEMH	011D0402.S-R2-D
00285	01027	CUNEBEMI	011D0403.S-E0-D
00285	01027	CUNRBEMI	011D0403.S-R2-A1
00285	01040	CUNEBEMK	011D0410.S-E0-D
00285	01040	CUNRBEMK	011D0410.S-R2-A1
00285	01041	CUNEBEMN	011D0411.S-E0-D
00285	01041	CUNRBEMN	011D0411.S-R2-A1
00285	01042	CUNRBEMR	011D0412.S-R2-D
00285	01043	CUNEBEMU	011D0413.S-E0-D
00285	01043	CUNRBEMU	011D0413.S-R2-A1
00285	01047	CUNLBEM0	011D0417.S-R2-D
00285	01047	CUNRBEM0	011D0417.S-R2-D
00285	01051	CUNEBEM2	011D041B.S-E0-A1
00285	01051	CUNRBEM2	011D041B.S-R2-D
00285	01088	CUNRBEM3	011D0440.S-RC-D
00285	01100	CUNRBEM9	011D044C.S-R2-D
00285	01112	CUNRBENH	011D0458.S-R2-D
00285	01122	CUNRBENP	011D0462.S-R2-D
00285	01140	CUNEBEN5	011D0474.S-E0-D
00285	01140	CUNRBEN5	011D0474.S-R2-D
00285	01141	CUNEBEN6	011D0475.S-E0-D
00285	01141	CUNRBEN6	011D0475.S-R2-D
00285	01142	CUNEBEN7	011D0476.S-E0-D
00285	01142	CUNRBEN7	011D0476.S-R2-D
00285	01143	CUNEBEN8	011D0477.S-E0-D
00285	01143	CUNRBEN8	011D0477.S-R2-D
00285	01144	CUNEBEN9	011D0478.S-E0-D
00285	01144	CUNRBEN9	011D0478.S-R2-D
00285	01145	CUNEBOA	011D0479.S-E0-D
00285	01145	CUNRBEOA	011D0479.S-R2-D
00285	01146	CUNEBOB	011D047A.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00285	01147	CUNEBOC	011D047B.S-E0-D
00285	01147	CUNRBOC	011D047B.S-R2-D
00285	01148	CUNEBOOD	011D047C.S-E0-D
00285	01148	CUNRBEOOD	011D047C.S-R2-D
00285	01149	CUNEBOOE	011D047D.S-E0-D
00285	01149	CUNRBEOE	011D047D.S-R2-D
00285	01252	CUNEBOEPS	011D04E4.S-E0-A1
00285	01252	CUNRBEPSPS	011D04E4.S-R2-D
00285	01275	CUNRBEP6	011D04FB.S-R2-D
00285	05348	CUNEBOPT	011D14E4.S-E0-D
00285	05348	CUNRBEPPT	011D14E4.S-R2-D
00285	13488	CUNLBEPG	011D34B0.SU-R-D
00285	13488	CUNRBEPG	011D34B0.SU-R-D
00290	00037	CUNEBHAA	01220025.S-E0-D
00290	00037	CUNRBHAA	01220025.S-R2-A1
00290	00256	CUNEBHAJ	01220100.S-E0-D
00290	00273	CUNEBHAV	01220111.S-E0-D
00290	00273	CUNRBHAV	01220111.S-R2-A1
00290	00277	CUNEBHA2	01220115.S-E0-D
00290	00277	CUNRBHA2	01220115.S-R2-A1
00290	00278	CUNEBHA4	01220116.S-E0-D
00290	00278	CUNRBHA4	01220116.S-R2-A1
00290	00280	CUNEBHA6	01220118.S-E0-D
00290	00280	CUNRBHA6	01220118.S-R2-A1
00290	00284	CUNEBHB	0122011C.S-E0-D
00290	00284	CUNRBHB	0122011C.S-R2-A1
00290	00285	CUNEBHBE	0122011D.S-E0-D
00290	00285	CUNRBHBE	0122011D.S-R2-A1
00290	00297	CUNEBHBN	01220129.S-E0-D
00290	00297	CUNRBHBN	01220129.S-R2-A1
00290	00367	CUNEBHBO	0122016F.S-E0-D
00290	00437	CUNEBHCE	012201B5.S-E0-D
00290	00437	CUNRBHCE	012201B5.S-R2-A1
00290	00500	CUNEBHCR	012201F4.S-E0-D
00290	00500	CUNLBHCR	012201F4.S-E0-D
00290	00500	CUNRBHCR	012201F4.S-R2-A1
00290	00737	CUNEBHC6	012202E1.S-E0-D
00290	00775	CUNEBHC8	01220307.S-E0-D
00290	00819	CUNEBHDH	01220333.S-E0-D
00290	00819	CUNLBHDH	01220333.S-E0-D
00290	00833	CUNEBHDI	01220341.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00290	00833	CUNRBHDI	01220341.S-R2-A1
00290	00836	CUNEBHDU	01220344.S-E0-D
00290	00836	CUNRBHDU	01220344.S-R2-A1
00290	00850	CUNEBHEB	01220352.S-E0-D
00290	00850	CUNRBHEB	01220352.S-R2-A1
00290	00852	CUNEBHEL	01220354.S-E0-D
00290	00852	CUNRBHEL	01220354.S-R2-A1
00290	00855	CUNEBHEX	01220357.S-E0-D
00290	00855	CUNRBHEX	01220357.S-R2-A1
00290	00857	CUNEBHFC	01220359.S-E0-D
00290	00857	CUNRBHFC	01220359.S-R2-A1
00290	00860	CUNEBHFM	0122035C.S-E0-A1
00290	00860	CUNRBHFM	0122035C.S-R2-D
00290	00861	CUNEBHFP	0122035D.S-E0-A1
00290	00861	CUNRBHFP	0122035D.S-R2-D
00290	00862	CUNEBHFS	0122035E.S-E0-A1
00290	00862	CUNRBHFS	0122035E.S-R2-D
00290	00863	CUNEBHFV	0122035F.S-E0-A1
00290	00863	CUNRBHFV	0122035F.S-R2-D
00290	00864	CUNEBHFY	01220360.S-E0-A1
00290	00864	CUNRBHFY	01220360.S-R2-D
00290	00865	CUNEBHGA	01220361.S-E0-A1
00290	00865	CUNRBHGA	01220361.S-R2-D
00290	00870	CUNEBHGW	01220366.S-E0-D
00290	00870	CUNRBHGW	01220366.S-R2-A1
00290	00871	CUNEBHGY	01220367.S-E0-D
00290	00871	CUNRBHGY	01220367.S-R2-A1
00290	00895	CUNEBHHH	0122037F.S-E0-D
00290	00896	CUNEBHHI	01220380.S-E0-D
00290	00897	CUNEBHHK	01220381.S-E0-A1
00290	01009	CUNEBHL2	012203F1.S-E0-D
00290	01025	CUNEBHMG	01220401.S-E0-D
00290	01025	CUNRBHMG	01220401.S-R2-A1
00290	01026	CUNEBHMH	01220402.S-E0-D
00290	01026	CUNRBHMH	01220402.S-R2-A1
00290	01027	CUNLBHMI	01220403.S-R1-D
00290	01027	CUNRBHMI	01220403.S-R1-D
00290	01040	CUNEBHMK	01220410.S-E0-D
00290	01040	CUNRBHMK	01220410.S-R2-A1
00290	01041	CUNEBHMN	01220411.S-E0-D
00290	01041	CUNRBHMN	01220411.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00290	01042	CUNRBHMR	01220412.S-R2-D
00290	01043	CUNEBCMU	01220413.S-E0-D
00290	01043	CUNRBHMU	01220413.S-R2-A1
00290	01047	CUNEBCMO	01220417.S-E0-D
00290	01047	CUNLBHMO	01220417.S-E0-D
00290	01047	CUNRBHMO	01220417.S-R2-D
00290	01088	CUNRBHMO3	01220440.S-RC-D
00290	01112	CUNRBHMH	01220458.S-R2-D
00290	01122	CUNRBHNP	01220462.S-R2-D
00290	01148	CUNEBCOD	0122047C.S-E0-D
00290	01148	CUNLBHOD	0122047C.S-E0-D
00290	01148	CUNRBHOD	0122047C.S-R2-D
00290	01252	CUNEBCPS	012204E4.S-E0-D
00290	13488	CUNLBHPG	012234B0.SU-R-D
00290	13488	CUNRBHPG	012234B0.SU-R-D
00293	13488	CUNEBCPG	012534B0.SU-E-A1
00293	13488	CUNRBLPG	012534B0.SU-R-D
00297	00037	CUNEBCAA	01290025.S-E0-A1
00297	00037	CUNRBNAA	01290025.S-R2-D
00297	00256	CUNRBNAJ	01290100.S-R2-D
00297	00273	CUNRBNAV	01290111.S-R2-D
00297	00277	CUNRBNA2	01290115.S-R2-D
00297	00278	CUNRBNA4	01290116.S-R2-D
00297	00280	CUNRBNA6	01290118.S-R2-D
00297	00284	CUNRBNNB	0129011C.S-R2-D
00297	00285	CUNRBNNB	0129011D.S-R2-D
00297	00290	CUNEBCNBH	01290122.S-E0-D
00297	00290	CUNRBNNBH	01290122.S-R2-A1
00297	00367	CUNEBCNBO	0129016F.S-E0-D
00297	00423	CUNRBNNB8	012901A7.S-R2-D
00297	00437	CUNEBCNCE	012901B5.S-E0-A1
00297	00437	CUNRBNCCE	012901B5.S-RC-D
00297	00500	CUNEBCNCR	012901F4.S-E0-A1
00297	00500	CUNLBNCR	012901F4.S-E0-A1
00297	00500	CUNRBNCR	012901F4.S-R2-D
00297	00737	CUNRBNC6	012902E1.S-R2-D
00297	00775	CUNEBCNC8	01290307.S-E0-A1
00297	00775	CUNRBNC8	01290307.S-R2-D
00297	00813	CUNRBNDF	0129032D.S-R2-D
00297	00819	CUNLBNDH	01290333.S-R2-D
00297	00819	CUNRBNDH	01290333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00297	00833	CUNEBNDI	01290341.S-E0-D
00297	00833	CUNRBNDI	01290341.S-R2-A1
00297	00836	CUNEBNDU	01290344.S-E0-D
00297	00836	CUNRBNDU	01290344.S-R2-A1
00297	00838	CUNEBND1	01290346.S-E0-D
00297	00850	CUNCBNEB	01290352.S-C0-A1
00297	00850	CUNLBNEB	01290352.S-C0-A1
00297	00850	CUNEBNEB	01290352.S-E0-D
00297	00850	CUNRBNEB	01290352.S-R2-D
00297	00852	CUNEBNEL	01290354.S-E0-A1
00297	00852	CUNRBNEL	01290354.S-RC-D
00297	00855	CUNRBNEX	01290357.S-RC-D
00297	00857	CUNEBNFC	01290359.S-E0-A1
00297	00857	CUNRBNFC	01290359.S-R2-D
00297	00858	CUNEBNFI	0129035A.S-E0-D
00297	00858	CUNRBNFI	0129035A.S-R2-D
00297	00860	CUNEBNFM	0129035C.S-E0-A1
00297	00860	CUNRBNFM	0129035C.S-RC-D
00297	00861	CUNEBNFP	0129035D.S-E0-A1
00297	00861	CUNRBNFP	0129035D.S-R2-D
00297	00862	CUNEBNFS	0129035E.S-E0-A1
00297	00862	CUNRBNFS	0129035E.S-R2-D
00297	00863	CUNEBNFV	0129035F.S-E0-A1
00297	00863	CUNRBNFV	0129035F.S-RC-D
00297	00864	CUNEBNFY	01290360.S-E0-A1
00297	00864	CUNRBNFY	01290360.S-R2-D
00297	00865	CUNEBNGA	01290361.S-E0-A1
00297	00865	CUNRBNGA	01290361.S-RC-D
00297	00869	CUNRBNGP	01290365.S-R2-D
00297	00870	CUNRBNGW	01290366.S-R2-D
00297	00871	CUNRBNGY	01290367.S-R2-D
00297	00874	CUNRBNG3	0129036A.S-R2-D
00297	00875	CUNRBNG8	0129036B.S-R2-D
00297	00880	CUNRBNHB	01290370.S-R2-D
00297	00897	CUNRBNHK	01290381.S-R2-D
00297	00903	CUNRBNHW	01290387.S-R2-D
00297	00912	CUNRBNH1	01290390.S-R2-D
00297	00916	CUNRBNH6	01290394.S-R2-D
00297	00920	CUNRBNIA	01290398.S-R2-D
00297	00923	CUNEBNIF	0129039B.S-E0-D
00297	00923	CUNRBNI	0129039B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00297	00924	CUNEBNIG	0129039C.S-E0-D
00297	00924	CUNLBNIG	0129039C.S-R2-D
00297	00924	CUNRBNIG	0129039C.S-R2-D
00297	01009	CUNEBNL2	012903F1.S-E0-D
00297	01025	CUNRBNMG	01290401.S-R2-D
00297	01026	CUNRBNMH	01290402.S-R2-D
00297	01027	CUNEBNMI	01290403.S-E0-D
00297	01027	CUNRBNMI	01290403.S-R2-A1
00297	01040	CUNEBNMK	01290410.S-E0-D
00297	01040	CUNRBNMK	01290410.S-R2-A1
00297	01041	CUNEBNMN	01290411.S-E0-D
00297	01041	CUNRBNMN	01290411.S-R2-A1
00297	01042	CUNRBNMR	01290412.S-R2-D
00297	01043	CUNEBNMU	01290413.S-E0-D
00297	01043	CUNRBNMU	01290413.S-R2-A1
00297	01047	CUNLBNM0	01290417.S-R2-D
00297	01047	CUNRBNM0	01290417.S-R2-D
00297	01051	CUNEBNM2	0129041B.S-E0-A1
00297	01051	CUNRBNM2	0129041B.S-R2-D
00297	01088	CUNRBNM3	01290440.S-RC-D
00297	01100	CUNRBNM9	0129044C.S-R2-D
00297	01112	CUNRBNNH	01290458.S-R2-D
00297	01122	CUNRBNNP	01290462.S-R2-D
00297	01140	CUNEBNN5	01290474.S-E0-D
00297	01140	CUNRBNN5	01290474.S-R2-D
00297	01141	CUNEBNN6	01290475.S-E0-D
00297	01141	CUNRBNN6	01290475.S-R2-D
00297	01142	CUNEBNN7	01290476.S-E0-D
00297	01142	CUNRBNN7	01290476.S-R2-D
00297	01143	CUNEBNN8	01290477.S-E0-D
00297	01143	CUNRBNN8	01290477.S-R2-D
00297	01144	CUNEBNN9	01290478.S-E0-D
00297	01144	CUNRBNN9	01290478.S-R2-D
00297	01145	CUNEBNOA	01290479.S-E0-D
00297	01145	CUNRBNOA	01290479.S-R2-D
00297	01146	CUNEBNOB	0129047A.S-E0-D
00297	01146	CUNRBNOB	0129047A.S-R2-D
00297	01147	CUNEBNOC	0129047B.S-E0-D
00297	01148	CUNEBNOD	0129047C.S-E0-D
00297	01148	CUNRBNOD	0129047C.S-R2-D
00297	01149	CUNEBNOE	0129047D.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00297	01149	CUNRBNOE	0129047D.S-R2-D
00297	01252	CUNEBCNPS	012904E4.S-E0-A1
00297	01252	CUNRBPNP5	012904E4.S-R2-D
00297	01275	CUNRBPNP6	012904FB.S-R2-D
00297	05348	CUNEBCNPT	012914E4.S-E0-D
00297	05348	CUNRBPNPT	012914E4.S-R2-D
00297	13488	CUNLBNPQ	012934B0.SU-R-D
00297	13488	CUNRBQPG	012934B0.SU-R-D
00300	00301	CUNEBCQBV	012C012D.D-E0-D
00300	00941	CUNEBCQJP	012C03AD.D-E0-D
00300	01351	CUNEBCQQI	012C0547.D-E0-D
00300	13488	CUNLBQPG	012C34B0.MU-R-A1
00300	13488	CUNRBQPG	012C34B0.MU-R-D
00301	00300	CUNEBCVBQ	012D012C.D-E0-D
00301	00941	CUNEBCVJP	012D03AD.D-E0-D
00301	01351	CUNEBCVQI	012D0547.D-E0-D
00301	13488	CUNRBVPG	012D34B0.MU-R-D
00367	00037	CUNEBC0AA	016F0025.S-E0-D
00367	00256	CUNEBC0AJ	016F0100.S-E0-D
00367	00273	CUNEBC0AV	016F0111.S-E0-D
00367	00277	CUNEBC0A2	016F0115.S-E0-D
00367	00278	CUNEBC0A4	016F0116.S-E0-D
00367	00280	CUNEBC0A6	016F0118.S-E0-D
00367	00284	CUNEBC0BB	016F011C.S-E0-D
00367	00290	CUNEBC0BH	016F0122.S-EC-D
00367	00297	CUNEBC0BN	016F0129.S-E0-D
00367	00500	CUNEBC0CR	016F01F4.S-E0-D
00367	00819	CUNEBC0DH	016F0333.S-E0-D
00367	00833	CUNEBC0DI	016F0341.S-E0-A1
00367	00836	CUNEBC0DU	016F0344.S-E0-A1
00367	00850	CUNEBC0EB	016F0352.S-E0-D
00367	00871	CUNEBC0GY	016F0367.S-E0-D
00367	00875	CUNEBC0G8	016F036B.S-E0-D
00367	01009	CUNRB0L2	016F03F1.S-R2-D
00367	01026	CUNEBC0MH	016F0402.S-E0-D
00367	01027	CUNEBC0MI	016F0403.S-EC-D
00367	01041	CUNEBC0MN	016F0411.S-E0-D
00367	01088	CUNEBC0M3	016F0440.S-EC-D
00367	01115	CUNEBC0NM	016F045B.S-E0-D
00367	01126	CUNEBC0NT	016F0466.S-EC-D
00367	13488	CUNRB0PG	016F34B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00420	00037	CUNEB1AA	01A40025.S-E0-A1
00420	00037	CUNRB1AA	01A40025.S-RC-D
00420	00256	CUNRB1AJ	01A40100.S-RC-D
00420	00424	CUNRB1CA	01A401A8.S-RC-D
00420	00425	CUNCB1SR	01A401A9.S-C0-D
00420	00437	CUNEB1CE	01A401B5.S-E0-A1
00420	00437	CUNRB1CE	01A401B5.S-R2-D
00420	00500	CUNEB1CR	01A401F4.S-E0-A1
00420	00500	CUNRB1CR	01A401F4.S-RC-D
00420	00720	CUNCB1C5	01A402D0.S-C0-D
00420	00737	CUNRB1C6	01A402E1.S-R2-D
00420	00775	CUNRB1C8	01A40307.S-R2-D
00420	00819	CUNRB1DH	01A40333.S-R2-D
00420	00850	CUNRB1EB	01A40352.S-R2-D
00420	00852	CUNEB1EL	01A40354.S-E0-A1
00420	00852	CUNRB1EL	01A40354.S-R2-D
00420	00857	CUNEB1FC	01A40359.S-E0-A1
00420	00857	CUNRB1FC	01A40359.S-R2-D
00420	00860	CUNEB1FM	01A4035C.S-E0-A1
00420	00860	CUNRB1FM	01A4035C.S-R2-D
00420	00861	CUNEB1FP	01A4035D.S-E0-A1
00420	00861	CUNRB1FP	01A4035D.S-R2-D
00420	00862	CUNEB1FS	01A4035E.S-E0-A1
00420	00862	CUNRB1FS	01A4035E.S-R2-D
00420	00863	CUNEB1FV	01A4035F.S-E0-A1
00420	00863	CUNRB1FV	01A4035F.S-R2-D
00420	00864	CUNEB1FY	01A40360.S-E0-A2
00420	00864	CUNRB1FY	01A40360.S-RC-A1
00420	00865	CUNEB1GA	01A40361.S-E0-A1
00420	00865	CUNRB1GA	01A40361.S-R2-D
00420	01008	CUNRB1L0	01A403F0.S-R2-D
00420	01046	CUNCB1MX	01A40416.S-C0-D
00420	01051	CUNEB1M2	01A4041B.S-E0-D
00420	01089	CUNCB1M6	01A40441.S-C0-D
00420	01098	CUNRB1M8	01A4044A.S-R2-D
00420	01112	CUNRB1NH	01A40458.S-R2-D
00420	01122	CUNRB1NP	01A40462.S-R2-D
00420	01127	CUNRB1NW	01A40467.S-R2-D
00420	01252	CUNRB1PS	01A404E4.S-R2-D
00420	01256	CUNCB1P0	01A404E8.S-C0-D
00420	05352	CUNCB1P1	01A414E8.S-C0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00420	13488	CUNCB1PG	01A434B0.SU-C0-D
00420	13488	CUNLB1PG	01A434B0.SU-R-D
00420	13488	CUNRB1PG	01A434B0.SU-R-D
00423	00037	CUNEB8AA	01A70025.S-E0-A1
00423	00037	CUNRB8AA	01A70025.S-R1-D
00423	00256	CUNRB8AJ	01A70100.S-R1-D
00423	00273	CUNRB8AV	01A70111.S-R2-D
00423	00277	CUNRB8A2	01A70115.S-R2-D
00423	00278	CUNRB8A4	01A70116.S-R2-D
00423	00280	CUNRB8A6	01A70118.S-R2-D
00423	00284	CUNRB8BB	01A7011C.S-R2-D
00423	00285	CUNRB8BE	01A7011D.S-R2-D
00423	00297	CUNRB8BN	01A70129.S-R2-D
00423	00437	CUNEB8CE	01A701B5.S-E0-A1
00423	00437	CUNRB8CE	01A701B5.S-R2-D
00423	00500	CUNEB8CR	01A701F4.S-E0-A1
00423	00500	CUNRB8CR	01A701F4.S-R1-D
00423	00737	CUNEB8C6	01A702E1.S-E0-D
00423	00737	CUNRB8C6	01A702E1.S-R2-D
00423	00775	CUNEB8C8	01A70307.S-E0-A1
00423	00775	CUNRB8C8	01A70307.S-R2-D
00423	00813	CUNRB8DF	01A7032D.S-R2-D
00423	00819	CUNRB8DH	01A70333.S-R2-D
00423	00838	CUNRB8D1	01A70346.S-R2-D
00423	00850	CUNRB8EB	01A70352.S-R2-D
00423	00851	CUNRB8EG	01A70353.S-R1-D
00423	00852	CUNEB8EL	01A70354.S-E0-A1
00423	00852	CUNRB8EL	01A70354.S-R2-D
00423	00857	CUNEB8FC	01A70359.S-E0-A1
00423	00857	CUNRB8FC	01A70359.S-R2-D
00423	00860	CUNEB8FM	01A7035C.S-E0-A1
00423	00860	CUNRB8FM	01A7035C.S-R2-D
00423	00861	CUNEB8FP	01A7035D.S-E0-A1
00423	00861	CUNRB8FP	01A7035D.S-R2-D
00423	00862	CUNEB8FS	01A7035E.S-E0-A1
00423	00862	CUNRB8FS	01A7035E.S-R2-D
00423	00863	CUNEB8FV	01A7035F.S-E0-A1
00423	00863	CUNRB8FV	01A7035F.S-R2-D
00423	00864	CUNEB8FY	01A70360.S-E0-A1
00423	00864	CUNRB8FY	01A70360.S-R2-D
00423	00865	CUNEB8GA	01A70361.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00423	00865	CUNRB8GA	01A70361.S-R2-D
00423	00869	CUNRB8GP	01A70365.S-RC-A1
00423	00870	CUNRB8GW	01A70366.S-R2-D
00423	00871	CUNRB8GY	01A70367.S-R2-D
00423	00874	CUNRB8G3	01A7036A.S-R2-D
00423	00875	CUNRB8G8	01A7036B.S-R1-D
00423	00880	CUNRB8HB	01A70370.S-R2-D
00423	00897	CUNRB8HK	01A70381.S-R2-D
00423	00903	CUNRB8HW	01A70387.S-R2-D
00423	00912	CUNRB8H1	01A70390.S-R2-D
00423	00916	CUNRB8H6	01A70394.S-R2-D
00423	00920	CUNRB8IA	01A70398.S-R2-D
00423	01009	CUNEB8L2	01A703F1.S-E0-D
00423	01025	CUNRB8MG	01A70401.S-R2-D
00423	01026	CUNRB8MH	01A70402.S-R2-D
00423	01027	CUNRB8MI	01A70403.S-R2-D
00423	01041	CUNRB8MN	01A70411.S-R2-D
00423	01042	CUNRB8MR	01A70412.S-R2-D
00423	01043	CUNRB8MU	01A70413.S-R2-D
00423	01051	CUNEB8M2	01A7041B.S-E0-D
00423	01112	CUNRB8NH	01A70458.S-R2-D
00423	01122	CUNRB8NP	01A70462.S-R2-D
00423	01252	CUNRB8PS	01A704E4.S-R2-D
00423	01253	CUNEB8PU	01A704E5.S-EC-A1
00423	01253	CUNRB8PU	01A704E5.S-R2-D
00423	01280	CUNRB8QA	01A70500.S-R2-D
00423	13488	CUNRB8PG	01A734B0.SU-R-D
00424	00037	CUNECAAA	01A80025.S-E0-A1
00424	00037	CUNRCAAA	01A80025.S-RC-D
00424	00256	CUNRCAAJ	01A80100.S-RC-D
00424	00420	CUNRCAB1	01A801A4.S-RC-D
00424	00437	CUNECACE	01A801B5.S-E0-A1
00424	00437	CUNRCACE	01A801B5.S-R2-D
00424	00500	CUNECACR	01A801F4.S-E0-A1
00424	00500	CUNRCACR	01A801F4.S-RC-D
00424	00737	CUNRCAC6	01A802E1.S-R2-D
00424	00775	CUNRCAC8	01A80307.S-R2-D
00424	00803	CUNRCADA	01A80323.S-RC-D
00424	00819	CUNRCADH	01A80333.S-R2-D
00424	00836	CUNECADU	01A80344.S-E0-D
00424	00850	CUNECAEB	01A80352.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00424	00850	CUNRCAEB	01A80352.S-R2-D
00424	00852	CUNECAEL	01A80354.S-E0-A1
00424	00852	CUNRCAEL	01A80354.S-R2-D
00424	00856	CUNRCAE4	01A80358.S-R2-A1
00424	00857	CUNECAF C	01A80359.S-E0-A1
00424	00857	CUNRCAF C	01A80359.S-R2-D
00424	00860	CUNECAF M	01A8035C.S-E0-A1
00424	00860	CUNRCAF M	01A8035C.S-R2-D
00424	00861	CUNECAF P	01A8035D.S-E0-A1
00424	00861	CUNRCAF P	01A8035D.S-R2-D
00424	00862	CUNECAFS	01A8035E.S-E0-A2
00424	00862	CUNRCAFS	01A8035E.S-RC-D
00424	00863	CUNECAF V	01A8035F.S-E0-A1
00424	00863	CUNRCAF V	01A8035F.S-R2-D
00424	00864	CUNECAF Y	01A80360.S-E0-A1
00424	00864	CUNRCAF Y	01A80360.S-R2-D
00424	00865	CUNECAGA	01A80361.S-E0-A1
00424	00865	CUNRCAGA	01A80361.S-R2-D
00424	00916	CUNECAH6	01A80394.S-E0-D
00424	00916	CUNRCAH6	01A80394.S-RC-D
00424	01051	CUNECA M2	01A8041B.S-E0-D
00424	01112	CUNRCANH	01A80458.S-R2-D
00424	01122	CUNRCANP	01A80462.S-R2-D
00424	01252	CUNRCAPS	01A804E4.S-R2-D
00424	01255	CUNECAP Y	01A804E7.S-E0-A1
00424	01255	CUNRCAP Y	01A804E7.S-R2-D
00424	05351	CUNECAP Z	01A814E7.S-E0-D
00424	05351	CUNRCAP Z	01A814E7.S-R2-D
00424	13488	CUNLCAPG	01A834B0.SU-R-D
00424	13488	CUNRCAPG	01A834B0.SU-R-D
00425	00420	CUNCSR B1	01A901A4.S-C0-D
00425	00720	CUNESRC5	01A902D0.S-E0-D
00425	00864	CUNCSR FY	01A90360.S-C0-D
00425	01046	CUNCSR MX	01A90416.S-C0-D
00425	01089	CUNESRM6	01A90441.S-E0-D
00425	01256	CUNESRP0	01A904E8.S-E0-D
00425	17584	CUNCSR PH	01A944B0.SU-C0-D
00425	17584	CUNRSR PH	01A944B0.SU-R-D
00437	00037	CUNECEAA	01B50025.S-E0-A1
00437	00037	CUNRCEAA	01B50025.S-RC-D
00437	00256	CUNECEAJ	01B50100.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00437	00256	CUNRCEAJ	01B50100.S-R2-D
00437	00259	CUNECEAP	01B50103.S-E0-D
00437	00273	CUNECEAV	01B50111.S-E0-A1
00437	00273	CUNRCEAV	01B50111.S-RC-D
00437	00275	CUNECEAZ	01B50113.S-E0-D
00437	00275	CUNRCEAZ	01B50113.S-R2-D
00437	00277	CUNECEA2	01B50115.S-E0-A1
00437	00277	CUNRCEA2	01B50115.S-RC-D
00437	00278	CUNECEA4	01B50116.S-E0-A1
00437	00278	CUNRCEA4	01B50116.S-RC-D
00437	00280	CUNECEA6	01B50118.S-E0-A1
00437	00280	CUNRCEA6	01B50118.S-RC-D
00437	00284	CUNECEBB	01B5011C.S-E0-A1
00437	00284	CUNRCEBB	01B5011C.S-RC-D
00437	00285	CUNECEBE	01B5011D.S-E0-A1
00437	00285	CUNRCEBE	01B5011D.S-RC-D
00437	00290	CUNECEBH	01B50122.S-EC-D
00437	00290	CUNRCEBH	01B50122.S-R2-A1
00437	00297	CUNECEBN	01B50129.S-E0-A1
00437	00297	CUNRCEBN	01B50129.S-RC-D
00437	00420	CUNECEB1	01B501A4.S-E0-A1
00437	00420	CUNRCEB1	01B501A4.S-R2-D
00437	00423	CUNECEB8	01B501A7.S-E0-A1
00437	00423	CUNRCEB8	01B501A7.S-R2-D
00437	00424	CUNECECA	01B501A8.S-E0-A1
00437	00424	CUNRCECA	01B501A8.S-R2-D
00437	00500	CUNECECR	01B501F4.S-E0-A1
00437	00500	CUNRCECR	01B501F4.S-RC-D
00437	00737	CUNRCEC6	01B502E1.S-R2-D
00437	00775	CUNECEC8	01B50307.S-E0-A1
00437	00775	CUNRCEC8	01B50307.S-R2-D
00437	00813	CUNRCEDF	01B5032D.S-R2-D
00437	00819	CUNRCEDH	01B50333.S-RC-D
00437	00833	CUNECEDI	01B50341.S-EC-D
00437	00833	CUNRCEDI	01B50341.S-R2-A1
00437	00836	CUNECEDU	01B50344.S-E0-D
00437	00838	CUNECED1	01B50346.S-E0-A1
00437	00838	CUNRCED1	01B50346.S-R2-D
00437	00850	CUNECEE8	01B50352.S-E0-A2
00437	00850	CUNRCEE8	01B50352.S-RC-D
00437	00852	CUNRCEEL	01B50354.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00437	00855	CUNRCEEX	01B50357.S-RC-D
00437	00857	CUNRCEFC	01B50359.S-RC-D
00437	00858	CUNECEFI	01B5035A.S-E0-D
00437	00858	CUNRCEFI	01B5035A.S-R2-D
00437	00860	CUNRCEFM	01B5035C.S-R2-D
00437	00861	CUNRCEFP	01B5035D.S-R2-D
00437	00862	CUNRCEFS	01B5035E.S-R2-D
00437	00863	CUNRCEFV	01B5035F.S-RC-D
00437	00865	CUNRCEGA	01B50361.S-R2-D
00437	00866	CUNRCEGD	01B50362.S-R2-D
00437	00869	CUNRCEGP	01B50365.S-R2-D
00437	00870	CUNECEGW	01B50366.S-E0-A1
00437	00870	CUNRCEGW	01B50366.S-RC-D
00437	00871	CUNECEGY	01B50367.S-E0-A1
00437	00871	CUNRCEGY	01B50367.S-RC-D
00437	00874	CUNRCEG3	01B5036A.S-R2-D
00437	00875	CUNECEG8	01B5036B.S-E0-A1
00437	00875	CUNRCEG8	01B5036B.S-R2-D
00437	00880	CUNECEHB	01B50370.S-E0-A1
00437	00880	CUNRCEHB	01B50370.S-RC-D
00437	00897	CUNECEHK	01B50381.S-E0-A1
00437	00897	CUNRCEHK	01B50381.S-R2-D
00437	00903	CUNRCEHW	01B50387.S-R2-D
00437	00905	CUNECEH0	01B50389.S-E0-A1
00437	00905	CUNRCEH0	01B50389.S-R2-D
00437	00912	CUNRCEH1	01B50390.S-RC-D
00437	00914	CUNRCEH3	01B50392.S-R2-D
00437	00915	CUNRCEH4	01B50393.S-RC-D
00437	00916	CUNRCEH6	01B50394.S-R2-D
00437	00920	CUNRCEIA	01B50398.S-R2-D
00437	00921	CUNRCEIB	01B50399.S-R2-D
00437	00922	CUNRCEID	01B5039A.S-R2-D
00437	00923	CUNECEIF	01B5039B.S-E0-D
00437	00923	CUNRCEIF	01B5039B.S-R2-D
00437	00924	CUNECEIG	01B5039C.S-E0-D
00437	00924	CUNRCEIG	01B5039C.S-R2-D
00437	01025	CUNECEMG	01B50401.S-E0-A1
00437	01025	CUNRCEMG	01B50401.S-RC-D
00437	01026	CUNECEMH	01B50402.S-E0-A1
00437	01026	CUNRCEMH	01B50402.S-RC-D
00437	01027	CUNECEMI	01B50403.S-EC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00437	01027	CUNRCEMI	01B50403.S-R2-A1
00437	01040	CUNECEMK	01B50410.S-E0-D
00437	01040	CUNRCEMK	01B50410.S-R2-A1
00437	01041	CUNECEMN	01B50411.S-E0-D
00437	01041	CUNRCEMN	01B50411.S-R2-A1
00437	01042	CUNRCEMR	01B50412.S-R2-D
00437	01043	CUNECEMU	01B50413.S-E0-D
00437	01043	CUNRCEMU	01B50413.S-R2-A1
00437	01047	CUNECEMO	01B50417.S-E0-D
00437	01047	CUNRCEMO	01B50417.S-R2-D
00437	01051	CUNRCEM2	01B5041B.S-R2-D
00437	01097	CUNECEM7	01B50449.S-E0-A1
00437	01097	CUNRCEM7	01B50449.S-R2-D
00437	01098	CUNRCEM8	01B5044A.S-R2-D
00437	01114	CUNECENI	01B5045A.S-E0-D
00437	01115	CUNECENM	01B5045B.S-EC-D
00437	01126	CUNECENT	01B50466.S-E0-D
00437	01140	CUNECEN5	01B50474.S-E0-D
00437	01140	CUNRCEN5	01B50474.S-R2-D
00437	01141	CUNECEN6	01B50475.S-E0-D
00437	01141	CUNRCEN6	01B50475.S-R2-D
00437	01142	CUNECEN7	01B50476.S-E0-D
00437	01142	CUNRCEN7	01B50476.S-R2-D
00437	01143	CUNECEN8	01B50477.S-E0-D
00437	01143	CUNRCEN8	01B50477.S-R2-D
00437	01144	CUNECEN9	01B50478.S-E0-D
00437	01144	CUNRCEN9	01B50478.S-R2-D
00437	01145	CUNECEOA	01B50479.S-E0-D
00437	01145	CUNRCEOA	01B50479.S-R2-D
00437	01146	CUNECEOBO	01B5047A.S-E0-D
00437	01146	CUNRCEOBO	01B5047A.S-R2-D
00437	01147	CUNECEOOC	01B5047B.S-E0-D
00437	01147	CUNRCEOOC	01B5047B.S-R2-D
00437	01148	CUNECEOED	01B5047C.S-E0-D
00437	01148	CUNRCEOED	01B5047C.S-R2-D
00437	01149	CUNECEOEE	01B5047D.S-E0-D
00437	01149	CUNRCEOEE	01B5047D.S-R2-D
00437	01252	CUNRCEPS	01B504E4.S-R2-D
00437	01257	CUNRCEP2	01B504E9.S-R2-D
00437	01275	CUNRCEP6	01B504FB.S-R2-D
00437	01280	CUNRCEQA	01B50500.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00437	01281	CUNRCEQB	01B50501.S-R2-D
00437	01283	CUNRCEQD	01B50503.S-R2-D
00437	04946	CUNECEEC	01B51352.S-E0-D
00437	05348	CUNECEPT	01B514E4.S-E0-D
00437	05348	CUNRCEPT	01B514E4.S-R2-D
00437	13488	CUNRCEPG	01B534B0.SU-R-D
00437	28709	CUNECEAH	01B57025.S-EC-A1
00437	28709	CUNRCEAH	01B57025.S-R2-D
00500	00037	CUNECRAA	01F40025.S-E0-A1
00500	00037	CUNLCRAA	01F40025.S-E0-A1
00500	00037	CUNRCRAA	01F40025.S-R2-D
00500	00256	CUNECRAJ	01F40100.S-E0-A1
00500	00256	CUNRCRAJ	01F40100.S-R2-D
00500	00273	CUNECRAV	01F40111.S-E0-A1
00500	00273	CUNLCRAV	01F40111.S-E0-A1
00500	00273	CUNRCRAV	01F40111.S-R2-D
00500	00274	CUNLCRAX	01F40112.S-R2-D
00500	00274	CUNRCRAX	01F40112.S-R2-D
00500	00275	CUNLCRAZ	01F40113.S-R2-D
00500	00275	CUNRCRAZ	01F40113.S-R2-D
00500	00277	CUNECRA2	01F40115.S-E0-A1
00500	00277	CUNLCRA2	01F40115.S-E0-A1
00500	00277	CUNRCRA2	01F40115.S-R2-D
00500	00278	CUNECRA4	01F40116.S-E0-A1
00500	00278	CUNLCRA4	01F40116.S-E0-A1
00500	00278	CUNRCRA4	01F40116.S-R2-D
00500	00280	CUNECRA6	01F40118.S-E0-A1
00500	00280	CUNLCRA6	01F40118.S-E0-A1
00500	00280	CUNRCRA6	01F40118.S-R2-D
00500	00281	CUNECRA8	01F40119.S-E0-D
00500	00281	CUNLCRA8	01F40119.S-E0-D
00500	00281	CUNRCRA8	01F40119.S-R2-D
00500	00282	CUNLCRA9	01F4011A.S-R2-D
00500	00282	CUNRCRA9	01F4011A.S-R2-D
00500	00284	CUNECRBB	01F4011C.S-E0-A1
00500	00284	CUNLCRBB	01F4011C.S-E0-A1
00500	00284	CUNRCRBB	01F4011C.S-R2-D
00500	00285	CUNECRBE	01F4011D.S-E0-A1
00500	00285	CUNLCRBE	01F4011D.S-E0-A1
00500	00285	CUNRCRBE	01F4011D.S-R2-D
00500	00290	CUNECRBH	01F40122.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	00290	CUNLCRBH	01F40122.S-E0-D
00500	00290	CUNRCRBH	01F40122.S-R2-A1
00500	00297	CUNECRBN	01F40129.S-E0-A1
00500	00297	CUNLCRBN	01F40129.S-E0-A1
00500	00297	CUNRCRBN	01F40129.S-R2-D
00500	00367	CUNECRB0	01F4016F.S-E0-D
00500	00420	CUNECRB1	01F401A4.S-E0-A1
00500	00420	CUNRCRB1	01F401A4.S-RC-D
00500	00423	CUNECRB8	01F401A7.S-E0-A1
00500	00423	CUNRCRB8	01F401A7.S-R1-D
00500	00424	CUNECRCA	01F401A8.S-E0-A1
00500	00424	CUNRCRCA	01F401A8.S-RC-D
00500	00437	CUNECCRCE	01F401B5.S-E0-A1
00500	00437	CUNRCRCE	01F401B5.S-RC-D
00500	00737	CUNECRC6	01F402E1.S-E0-D
00500	00737	CUNRCRC6	01F402E1.S-R2-D
00500	00775	CUNECRC8	01F40307.S-E0-A1
00500	00775	CUNRCRC8	01F40307.S-R2-D
00500	00813	CUNECRDF	01F4032D.S-E0-A1
00500	00813	CUNRCRDF	01F4032D.S-R2-D
00500	00819	CUNLCRDH	01F40333.S-R2-D
00500	00819	CUNRCRDH	01F40333.S-R2-D
00500	00833	CUNECDI	01F40341.S-E0-D
00500	00833	CUNRCIDI	01F40341.S-R2-A1
00500	00836	CUNECDU	01F40344.S-E0-D
00500	00836	CUNRCRDU	01F40344.S-R2-A1
00500	00838	CUNECD1	01F40346.S-E0-D
00500	00850	CUNCCREB	01F40352.S-C0-A2
00500	00850	CUNLCREB	01F40352.S-C0-A2
00500	00850	CUNECDREB	01F40352.S-E0-A1
00500	00850	CUNRCREB	01F40352.S-R2-D
00500	00851	CUNRCREG	01F40353.S-R1-D
00500	00852	CUNECDREL	01F40354.S-E0-A1
00500	00852	CUNRCREL	01F40354.S-RC-D
00500	00855	CUNRCREX	01F40357.S-RC-D
00500	00856	CUNRCRE4	01F40358.S-R2-D
00500	00857	CUNECDRFC	01F40359.S-E0-A1
00500	00857	CUNRCRFC	01F40359.S-R2-D
00500	00858	CUNECDRFI	01F4035A.S-E0-D
00500	00858	CUNRCRFI	01F4035A.S-R2-D
00500	00860	CUNECDRFM	01F4035C.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	00860	CUNRCRFM	01F4035C.S-RC-D
00500	00861	CUNECRFP	01F4035D.S-E0-A1
00500	00861	CUNRCRFP	01F4035D.S-R2-D
00500	00862	CUNECRFS	01F4035E.S-E0-D
00500	00862	CUNRCRFS	01F4035E.S-R2-A1
00500	00863	CUNECRFV	01F4035F.S-E0-A1
00500	00863	CUNRCRFV	01F4035F.S-RC-D
00500	00864	CUNECRFY	01F40360.S-E0-D
00500	00864	CUNRCRFY	01F40360.S-R2-A1
00500	00865	CUNECRGA	01F40361.S-E0-A1
00500	00865	CUNRCRGA	01F40361.S-RC-D
00500	00866	CUNECRGD	01F40362.S-EC-D
00500	00869	CUNECRGP	01F40365.S-E0-A1
00500	00869	CUNRCRGP	01F40365.S-R2-A2
00500	00870	CUNECRGW	01F40366.S-E0-A2
00500	00870	CUNRCRGW	01F40366.S-RC-D
00500	00871	CUNECRGY	01F40367.S-E0-A1
00500	00871	CUNLCRGY	01F40367.S-E0-A1
00500	00871	CUNRCRGY	01F40367.S-R2-D
00500	00875	CUNECRG8	01F4036B.S-E0-A1
00500	00875	CUNRCRG8	01F4036B.S-R1-D
00500	00880	CUNECRHB	01F40370.S-E0-A1
00500	00880	CUNRCRHB	01F40370.S-R1-D
00500	00891	CUNECRHD	01F4037B.S-E0-D
00500	00895	CUNECRHH	01F4037F.S-E0-D
00500	00897	CUNECRHK	01F40381.S-E0-D
00500	00903	CUNECRHW	01F40387.S-E0-D
00500	00904	CUNECRHY	01F40388.S-E0-D
00500	00905	CUNECRH0	01F40389.S-E0-A1
00500	00905	CUNRCRH0	01F40389.S-RC-D
00500	00912	CUNECRH1	01F40390.S-E0-A1
00500	00912	CUNRCRH1	01F40390.S-R2-D
00500	00914	CUNRCRH3	01F40392.S-R2-D
00500	00915	CUNRCRH4	01F40393.S-R2-D
00500	00916	CUNECRH6	01F40394.S-E0-A1
00500	00916	CUNRCRH6	01F40394.S-R2-D
00500	00920	CUNECRIA	01F40398.S-E0-A1
00500	00920	CUNRCRIA	01F40398.S-R2-D
00500	00921	CUNRCRIB	01F40399.S-R2-D
00500	00922	CUNRCRID	01F4039A.S-R2-D
00500	00923	CUNECRIF	01F4039B.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	00923	CUNRCRIF	01F4039B.S-R2-D
00500	00924	CUNECRIG	01F4039C.S-E0-D
00500	00924	CUNLCRIG	01F4039C.S-R2-D
00500	00924	CUNRCRIG	01F4039C.S-R2-D
00500	01004	CUNRCRLW	01F403EC.S-R2-D
00500	01009	CUNECLRL2	01F403F1.S-E0-D
00500	01010	CUNECLRL3	01F403F2.S-E0-D
00500	01011	CUNECLRL4	01F403F3.S-E0-D
00500	01012	CUNECLRL5	01F403F4.S-E0-D
00500	01013	CUNECLRL6	01F403F5.S-E0-D
00500	01014	CUNECLRL7	01F403F6.S-E0-D
00500	01015	CUNECLRL8	01F403F7.S-E0-D
00500	01016	CUNECLRL9	01F403F8.S-E0-D
00500	01017	CUNECRMA	01F403F9.S-E0-D
00500	01018	CUNECRMB	01F403FA.S-E0-D
00500	01019	CUNECRMC	01F403FB.S-E0-D
00500	01020	CUNECRMD	01F403FC.S-E0-D
00500	01021	CUNECRME	01F403FD.S-E0-D
00500	01023	CUNECRMF	01F403FF.S-E0-D
00500	01025	CUNECRMG	01F40401.S-E0-A1
00500	01025	CUNRCRMG	01F40401.S-R1-D
00500	01026	CUNECRMH	01F40402.S-E0-A1
00500	01026	CUNRCRMH	01F40402.S-RC-D
00500	01027	CUNECRMI	01F40403.S-E0-D
00500	01027	CUNLCRMI	01F40403.S-E0-D
00500	01027	CUNRCRMI	01F40403.S-R2-A1
00500	01040	CUNECRMK	01F40410.S-E0-D
00500	01040	CUNRCRMK	01F40410.S-R2-A1
00500	01041	CUNECRMN	01F40411.S-E0-D
00500	01041	CUNRCRMN	01F40411.S-R2-A1
00500	01042	CUNECRMR	01F40412.S-E0-D
00500	01042	CUNRCRMR	01F40412.S-R2-A1
00500	01043	CUNECRMU	01F40413.S-E0-D
00500	01043	CUNRCRMU	01F40413.S-R2-A1
00500	01046	CUNECRMX	01F40416.S-E0-D
00500	01047	CUNLCRM0	01F40417.S-R2-D
00500	01047	CUNRCRM0	01F40417.S-R2-D
00500	01051	CUNECRM2	01F4041B.S-E0-A1
00500	01051	CUNRCRM2	01F4041B.S-R2-D
00500	01088	CUNECRM3	01F40440.S-EC-D
00500	01088	CUNRCRM3	01F40440.S-RC-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	01089	CUNECRM6	01F40441.S-E0-D
00500	01089	CUNRCRM6	01F40441.S-R2-D
00500	01097	CUNECRM7	01F40449.S-E0-A1
00500	01097	CUNRCRM7	01F40449.S-R2-D
00500	01100	CUNECRM9	01F4044C.S-E0-A1
00500	01100	CUNRCRM9	01F4044C.S-R2-D
00500	01101	CUNECRNA	01F4044D.S-E0-D
00500	01102	CUNECRNB	01F4044E.S-E0-D
00500	01103	CUNECRNC	01F4044F.S-E0-D
00500	01104	CUNECRND	01F40450.S-E0-D
00500	01105	CUNECRNE	01F40451.S-E0-D
00500	01106	CUNECRNF	01F40452.S-E0-D
00500	01107	CUNECRNG	01F40453.S-E0-D
00500	01112	CUNECRNH	01F40458.S-E0-D
00500	01112	CUNRCRNH	01F40458.S-R2-D
00500	01114	CUNECRNI	01F4045A.S-E0-D
00500	01115	CUNECRNM	01F4045B.S-E0-D
00500	01122	CUNRCRNP	01F40462.S-R2-D
00500	01124	CUNECRNR	01F40464.S-E0-A1
00500	01124	CUNRCRNR	01F40464.S-R2-D
00500	01125	CUNECRNS	01F40465.S-E0-A1
00500	01125	CUNRCRNS	01F40465.S-R2-D
00500	01126	CUNECRNT	01F40466.S-E0-D
00500	01129	CUNECRNY	01F40469.S-E0-A1
00500	01129	CUNRCRNY	01F40469.S-R2-D
00500	01130	CUNECRNZ	01F4046A.S-E0-D
00500	01130	CUNRCRNZ	01F4046A.S-R2-D
00500	01131	CUNRCRN0	01F4046B.S-R2-D
00500	01132	CUNECRN1	01F4046C.S-E0-D
00500	01132	CUNRCRN1	01F4046C.S-R2-D
00500	01133	CUNECRN2	01F4046D.S-E0-D
00500	01133	CUNRCRN2	01F4046D.S-R2-D
00500	01137	CUNECRN3	01F40471.S-E0-D
00500	01140	CUNECRN5	01F40474.S-E0-D
00500	01140	CUNLCRN5	01F40474.S-R2-D
00500	01140	CUNRCRN5	01F40474.S-R2-D
00500	01141	CUNECRN6	01F40475.S-E0-D
00500	01141	CUNLCRN6	01F40475.S-R2-D
00500	01141	CUNRCRN6	01F40475.S-R2-D
00500	01142	CUNECRN7	01F40476.S-E0-D
00500	01142	CUNLCRN7	01F40476.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	01142	CUNRCRN7	01F40476.S-R2-D
00500	01143	CUNECRN8	01F40477.S-E0-D
00500	01143	CUNLCRN8	01F40477.S-R2-D
00500	01143	CUNRCRN8	01F40477.S-R2-D
00500	01144	CUNEGRN9	01F40478.S-E0-D
00500	01144	CUNLCRN9	01F40478.S-R2-D
00500	01144	CUNRCRN9	01F40478.S-R2-D
00500	01145	CUNECROA	01F40479.S-E0-D
00500	01145	CUNLCROA	01F40479.S-R2-D
00500	01145	CUNRCROA	01F40479.S-R2-D
00500	01146	CUNECROB	01F4047A.S-E0-D
00500	01146	CUNLCROB	01F4047A.S-R2-D
00500	01147	CUNECROC	01F4047B.S-E0-D
00500	01147	CUNLCROC	01F4047B.S-R2-D
00500	01147	CUNRCROC	01F4047B.S-R2-D
00500	01148	CUNECROD	01F4047C.S-E0-D
00500	01149	CUNECROE	01F4047D.S-E0-D
00500	01149	CUNLCROE	01F4047D.S-R2-D
00500	01149	CUNRCROE	01F4047D.S-R2-D
00500	01250	CUNECRPO	01F404E2.S-E0-A1
00500	01250	CUNRCRPO	01F404E2.S-R2-D
00500	01251	CUNECRPQ	01F404E3.S-E0-A1
00500	01251	CUNRCRPQ	01F404E3.S-R2-D
00500	01252	CUNECRPS	01F404E4.S-E0-A1
00500	01252	CUNRCRPS	01F404E4.S-R2-D
00500	01253	CUNECRPU	01F404E5.S-E0-A1
00500	01253	CUNRCRPU	01F404E5.S-R2-D
00500	01254	CUNECRPW	01F404E6.S-EC-A1
00500	01254	CUNRCRPW	01F404E6.S-RC-D
00500	01255	CUNECRPY	01F404E7.S-E0-A1
00500	01255	CUNRCRPY	01F404E7.S-R2-D
00500	01256	CUNECRPO	01F404E8.S-E0-A1
00500	01256	CUNRCRPO	01F404E8.S-R2-D
00500	01257	CUNRCRP2	01F404E9.S-R2-D
00500	01258	CUNECRP4	01F404EA.S-E0-D
00500	01258	CUNRCRP4	01F404EA.S-R2-A1
00500	01275	CUNRCRP6	01F404FB.S-R2-D
00500	01280	CUNRCRQA	01F40500.S-R2-D
00500	01281	CUNRCRQB	01F40501.S-R2-D
00500	01282	CUNRCRQC	01F40502.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00500	01283	CUNRCRQD	01F40503.S-R2-D
00500	05348	CUNECRPT	01F414E4.S-E0-D
00500	05348	CUNRCRPT	01F414E4.S-R2-D
00500	13488	CUNLCRPG	01F434B0.SU-R-D
00500	13488	CUNRCRPG	01F434B0.SU-R-D
00720	00037	CUNRC5AA	02D00025.S-R2-D
00720	00420	CUNCC5B1	02D001A4.S-C0-D
00720	00425	CUNEC5SR	02D001A9.S-E0-D
00720	00864	CUNCC5FY	02D00360.S-C0-D
00720	01046	CUNCC5MX	02D00416.S-C0-D
00720	01256	CUNCC5P0	02D004E8.S-C0-D
00720	13488	CUNRC5PG	02D034B0.SU-R-D
00737	00037	CUNRC6AA	02E10025.S-R2-D
00737	00256	CUNRC6AJ	02E10100.S-R2-D
00737	00273	CUNRC6AV	02E10111.S-R2-D
00737	00277	CUNRC6A2	02E10115.S-R2-D
00737	00278	CUNRC6A4	02E10116.S-R2-D
00737	00280	CUNRC6A6	02E10118.S-R2-D
00737	00284	CUNRC6BB	02E1011C.S-R2-D
00737	00285	CUNRC6BE	02E1011D.S-R2-D
00737	00290	CUNEC6BH	02E10122.S-EC-D
00737	00297	CUNRC6BN	02E10129.S-R2-D
00737	00420	CUNRC6B1	02E101A4.S-R2-D
00737	00423	CUNEC6B8	02E101A7.S-E0-D
00737	00423	CUNRC6B8	02E101A7.S-R2-D
00737	00424	CUNRC6CA	02E101A8.S-R2-D
00737	00437	CUNRC6CE	02E101B5.S-R2-D
00737	00500	CUNEC6CR	02E101F4.S-E0-D
00737	00500	CUNRC6CR	02E101F4.S-R2-D
00737	00813	CUNEC6DF	02E1032D.S-E0-D
00737	00813	CUNRC6DF	02E1032D.S-R2-D
00737	00833	CUNEC6DI	02E10341.S-EC-D
00737	00836	CUNEC6DU	02E10344.S-EC-D
00737	00838	CUNEC6D1	02E10346.S-EC-D
00737	00850	CUNRC6EB	02E10352.S-R2-D
00737	00869	CUNEC6GP	02E10365.S-E0-D
00737	00869	CUNRC6GP	02E10365.S-R2-D
00737	00870	CUNRC6GW	02E10366.S-R2-D
00737	00871	CUNRC6GY	02E10367.S-R2-D
00737	00875	CUNEC6G8	02E1036B.S-E0-D
00737	00875	CUNRC6G8	02E1036B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00737	00880	CUNRC6HB	02E10370.S-R2-D
00737	00905	CUNRC6H0	02E10389.S-R2-D
00737	01025	CUNRC6MG	02E10401.S-R2-D
00737	01026	CUNRC6MH	02E10402.S-R2-D
00737	01027	CUNEC6MI	02E10403.S-EC-D
00737	01097	CUNRC6M7	02E10449.S-R2-D
00737	01252	CUNRC6PS	02E104E4.S-R2-D
00737	01253	CUNEC6PU	02E104E5.S-E0-D
00737	01253	CUNRC6PU	02E104E5.S-R2-D
00737	01280	CUNEC6QA	02E10500.S-E0-D
00737	01280	CUNRC6QA	02E10500.S-R2-D
00737	01287	CUNEC6SX	02E10507.S-E0-D
00737	01287	CUNRC6SX	02E10507.S-R2-D
00737	13488	CUNRC6PG	02E134B0.SU-R-D
00737	28709	CUNEC6AH	02E17025.S-EC-D
00775	00037	CUNRC8AA	03070025.S-R2-D
00775	00256	CUNEC8AJ	03070100.S-E0-A1
00775	00256	CUNRC8AJ	03070100.S-R2-D
00775	00273	CUNRC8AV	03070111.S-R2-D
00775	00277	CUNEC8A2	03070115.S-E0-A1
00775	00277	CUNRC8A2	03070115.S-R2-D
00775	00278	CUNRC8A4	03070116.S-R2-D
00775	00280	CUNEC8A6	03070118.S-E0-A1
00775	00280	CUNRC8A6	03070118.S-R2-D
00775	00284	CUNRC8BB	0307011C.S-R2-D
00775	00285	CUNEC8BE	0307011D.S-E0-A1
00775	00285	CUNRC8BE	0307011D.S-R2-D
00775	00290	CUNEC8BH	03070122.S-EC-D
00775	00297	CUNEC8BN	03070129.S-E0-A1
00775	00297	CUNRC8BN	03070129.S-R2-D
00775	00420	CUNRC8B1	030701A4.S-R2-D
00775	00423	CUNEC8B8	030701A7.S-E0-A1
00775	00423	CUNRC8B8	030701A7.S-R2-D
00775	00424	CUNRC8CA	030701A8.S-R2-D
00775	00437	CUNEC8CE	030701B5.S-E0-A1
00775	00437	CUNRC8CE	030701B5.S-R2-D
00775	00500	CUNEC8CR	030701F4.S-E0-A1
00775	00500	CUNRC8CR	030701F4.S-R2-D
00775	00833	CUNEC8DI	03070341.S-EC-D
00775	00836	CUNEC8DU	03070344.S-EC-D
00775	00838	CUNEC8D1	03070346.S-EC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00775	00850	CUNRC8EB	03070352.S-R2-D
00775	00870	CUNEC8GW	03070366.S-E0-A1
00775	00870	CUNRC8GW	03070366.S-R2-D
00775	00871	CUNRC8GY	03070367.S-R2-D
00775	00875	CUNEC8G8	0307036B.S-E0-A1
00775	00875	CUNRC8G8	0307036B.S-R2-D
00775	00880	CUNRC8HB	03070370.S-R2-D
00775	00905	CUNEC8H0	03070389.S-E0-A1
00775	00905	CUNRC8H0	03070389.S-R2-D
00775	01025	CUNRC8MG	03070401.S-R2-D
00775	01026	CUNEC8MH	03070402.S-E0-A1
00775	01026	CUNRC8MH	03070402.S-R2-D
00775	01027	CUNEC8MI	03070403.S-EC-D
00775	01097	CUNEC8M7	03070449.S-E0-A1
00775	01097	CUNRC8M7	03070449.S-R2-D
00775	01112	CUNRC8NH	03070458.S-R2-D
00775	01122	CUNRC8NP	03070462.S-R2-D
00775	01252	CUNEC8PS	030704E4.S-E0-A1
00775	01252	CUNRC8PS	030704E4.S-R2-D
00775	01257	CUNRC8P2	030704E9.S-R2-D
00775	13488	CUNRC8PG	030734B0.SU-R-D
00775	28709	CUNEC8AH	03077025.S-EC-D
00803	00424	CUNRDACA	032301A8.S-RC-D
00803	00819	CUNEDADH	03230333.S-E0-D
00803	00819	CUNRDADH	03230333.S-RC-D
00803	00850	CUNEDAEB	03230352.S-E0-D
00803	00850	CUNRDAEB	03230352.S-RC-D
00803	00856	CUNRDAE4	03230358.S-RC-D
00803	00862	CUNEDAFS	0323035E.S-E0-D
00803	00862	CUNRDAFS	0323035E.S-RC-D
00803	00916	CUNEDAH6	03230394.S-E0-D
00803	00916	CUNRDAH6	03230394.S-RC-D
00803	01252	CUNEDAPS	032304E4.S-E0-D
00803	01252	CUNRDAPS	032304E4.S-RC-D
00803	01255	CUNEDAPY	032304E7.S-E0-D
00803	01255	CUNRDAPY	032304E7.S-R2-D
00803	13488	CUNRDAPG	032334B0.SU-R-D
00806	01137	CUNEDCN3	03260471.S-E0-D
00806	13488	CUNRDCPG	032634B0.SU-R-D
00808	00259	CUNED5AP	03280103.S-E0-D
00808	00858	CUNED5FI	0328035A.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00808	00858	CUNRD5FI	0328035A.S-R2-D
00808	00859	CUNED5FK	0328035B.S-E0-D
00808	00859	CUNRD5FK	0328035B.S-R2-D
00808	00872	CUNED5G0	03280368.S-E0-D
00808	00872	CUNRD5G0	03280368.S-R2-D
00808	00923	CUNED5IF	0328039B.S-E0-D
00808	00923	CUNRD5IF	0328039B.S-R2-D
00808	00924	CUNED5IG	0328039C.S-E0-D
00808	00924	CUNRD5IG	0328039C.S-R2-D
00808	01140	CUNED5N5	03280474.S-E0-D
00808	01140	CUNRD5N5	03280474.S-R2-D
00808	01148	CUNED5OD	0328047C.S-E0-D
00808	01148	CUNRD5OD	0328047C.S-R2-D
00808	01153	CUNED5OF	03280481.S-E0-D
00808	01153	CUNRD5OF	03280481.S-R2-D
00808	01154	CUNED5OG	03280482.S-E0-D
00808	01154	CUNRD5OG	03280482.S-R2-D
00808	01158	CUNRD5OK	03280486.S-R2-D
00808	05347	CUNED5PR	032814E3.S-E0-D
00808	05347	CUNRD5PR	032814E3.S-R2-D
00808	05348	CUNED5PT	032814E4.S-E0-D
00808	05348	CUNRD5PT	032814E4.S-R2-D
00808	17584	CUNRD5PH	032844B0.SU-R-D
00813	00037	CUNRDFAA	032D0025.S-R2-D
00813	00273	CUNRDFAV	032D0111.S-R2-D
00813	00277	CUNRDFA2	032D0115.S-R2-D
00813	00278	CUNRDFA4	032D0116.S-R2-D
00813	00280	CUNRDFA6	032D0118.S-R2-D
00813	00284	CUNRDFBB	032D011C.S-R2-D
00813	00285	CUNRDFBE	032D011D.S-R2-D
00813	00297	CUNRDFBN	032D0129.S-R2-D
00813	00423	CUNRDFB8	032D01A7.S-R2-D
00813	00437	CUNRDFCE	032D01B5.S-R2-D
00813	00500	CUNRDFCR	032D01F4.S-R2-D
00813	00737	CUNEDFC6	032D02E1.S-E0-D
00813	00737	CUNRDFC6	032D02E1.S-R2-D
00813	00819	CUNRDFDH	032D0333.S-R2-D
00813	00838	CUNRDFD1	032D0346.S-R2-D
00813	00850	CUNRDFEB	032D0352.S-R2-D
00813	00852	CUNRDFEL	032D0354.S-R2-D
00813	00857	CUNRDFFC	032D0359.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00813	00860	CUNRDFFM	032D035C.S-R2-D
00813	00861	CUNRDFFF	032D035D.S-R2-D
00813	00863	CUNRDFFV	032D035F.S-R2-D
00813	00869	CUNEDFGP	032D0365.S-E0-A1
00813	00869	CUNRDFGP	032D0365.S-R2-D
00813	00870	CUNRDFGW	032D0366.S-R2-D
00813	00871	CUNRDFGY	032D0367.S-R2-D
00813	00874	CUNRDFG3	032D036A.S-R2-D
00813	00875	CUNRDFG8	032D036B.S-R2-D
00813	00875	CUNLDFG8	032D036B.S-RC-A1
00813	00880	CUNRDFHB	032D0370.S-R2-D
00813	00897	CUNRDFHK	032D0381.S-R2-D
00813	00903	CUNRDFHW	032D0387.S-R2-D
00813	00912	CUNRDFH1	032D0390.S-R2-D
00813	00916	CUNRDFH6	032D0394.S-R2-D
00813	00920	CUNRDFIA	032D0398.S-R2-D
00813	01025	CUNRDFMG	032D0401.S-R2-D
00813	01026	CUNRDFMH	032D0402.S-R2-D
00813	01027	CUNRDFMI	032D0403.S-R2-D
00813	01041	CUNRDFMN	032D0411.S-R2-D
00813	01042	CUNRDFMR	032D0412.S-R2-D
00813	01043	CUNRDFMU	032D0413.S-R2-D
00813	01252	CUNRDFPS	032D04E4.S-R2-D
00813	01253	CUNRDFPU	032D04E5.S-R2-D
00813	01280	CUNRDFQA	032D0500.S-R2-D
00813	01287	CUNEDFSX	032D0507.S-E0-D
00813	01287	CUNRDFSX	032D0507.S-R2-D
00813	05349	CUNEDFPV	032D14E5.S-E0-D
00813	05349	CUNRDFPV	032D14E5.S-R2-D
00813	13488	CUNLDFPG	032D34B0.SU-R-D
00813	13488	CUNRDFPG	032D34B0.SU-R-D
00819	00037	CUNLDHAA	03330025.S-R2-D
00819	00037	CUNRDHAA	03330025.S-R2-D
00819	00256	CUNRDHAJ	03330100.S-R2-D
00819	00273	CUNLDHAV	03330111.S-R2-D
00819	00273	CUNRDHAV	03330111.S-R2-D
00819	00274	CUNEDHAX	03330112.S-E0-D
00819	00274	CUNLDHAX	03330112.S-R2-D
00819	00274	CUNRDHAX	03330112.S-R2-D
00819	00275	CUNEDHAZ	03330113.S-E0-D
00819	00275	CUNLDHAZ	03330113.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00819	00275	CUNRDHAZ	03330113.S-R2-D
00819	00277	CUNLDHA2	03330115.S-R2-D
00819	00277	CUNRDHA2	03330115.S-R2-D
00819	00278	CUNLDHA4	03330116.S-R2-D
00819	00278	CUNRDHA4	03330116.S-R2-D
00819	00280	CUNLDHA6	03330118.S-R2-D
00819	00280	CUNRDHA6	03330118.S-R2-D
00819	00281	CUNEDHA8	03330119.S-E0-D
00819	00281	CUNLDHA8	03330119.S-R2-D
00819	00281	CUNRDHA8	03330119.S-R2-D
00819	00282	CUNEDHA9	0333011A.S-E0-D
00819	00282	CUNLDHA9	0333011A.S-R2-D
00819	00282	CUNRDHA9	0333011A.S-R2-D
00819	00284	CUNLDHBB	0333011C.S-R2-D
00819	00284	CUNRDHBB	0333011C.S-R2-D
00819	00285	CUNLDHBE	0333011D.S-R2-D
00819	00285	CUNRDHBE	0333011D.S-R2-D
00819	00290	CUNEDHBH	03330122.S-EC-D
00819	00290	CUNLDHBH	03330122.S-EC-D
00819	00297	CUNLDHBN	03330129.S-R2-D
00819	00297	CUNRDHBN	03330129.S-R2-D
00819	00367	CUNEDHB0	0333016F.S-E0-D
00819	00420	CUNRDHB1	033301A4.S-R2-D
00819	00423	CUNRDHB8	033301A7.S-R2-D
00819	00424	CUNRDHCA	033301A8.S-R2-D
00819	00437	CUNRDHCE	033301B5.S-RC-D
00819	00500	CUNLDHCR	033301F4.S-R2-D
00819	00500	CUNRDHCR	033301F4.S-R2-D
00819	00803	CUNEDHDA	03330323.S-E0-D
00819	00803	CUNRDHDA	03330323.S-RC-D
00819	00813	CUNRDHDF	0333032D.S-R2-D
00819	00833	CUNEDHDI	03330341.S-EC-D
00819	00836	CUNEDHDU	03330344.S-EC-D
00819	00838	CUNRDHD1	03330346.S-R2-D
00819	00850	CUNEDHEB	03330352.S-E0-A1
00819	00850	CUNRDHEB	03330352.S-R2-D
00819	00852	CUNRDHEL	03330354.S-RC-D
00819	00855	CUNRDHEX	03330357.S-R2-D
00819	00857	CUNRDHFC	03330359.S-R2-D
00819	00858	CUNEDHFI	0333035A.S-E0-D
00819	00858	CUNRDHFI	0333035A.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00819	00860	CUNRDHFM	0333035C.S-RC-D
00819	00861	CUNRDHFP	0333035D.S-R2-D
00819	00863	CUNRDHFV	0333035F.S-RC-D
00819	00864	CUNRDHFY	03330360.S-R2-D
00819	00865	CUNRDHGA	03330361.S-RC-D
00819	00866	CUNRDHGD	03330362.S-R2-D
00819	00869	CUNRDHGP	03330365.S-R2-D
00819	00870	CUNRDHGW	03330366.S-R2-D
00819	00871	CUNLDHGY	03330367.S-R2-D
00819	00871	CUNRDHGY	03330367.S-R2-D
00819	00874	CUNRDHG3	0333036A.S-R2-D
00819	00875	CUNRDHG8	0333036B.S-R2-D
00819	00880	CUNRDHHB	03330370.S-R2-D
00819	00897	CUNRDHHK	03330381.S-R2-D
00819	00903	CUNRDHHW	03330387.S-R2-D
00819	00905	CUNRDHH0	03330389.S-R2-D
00819	00912	CUNRDHH1	03330390.S-R2-D
00819	00914	CUNRDHH3	03330392.S-R2-D
00819	00915	CUNRDHH4	03330393.S-R2-D
00819	00916	CUNRDHH6	03330394.S-RC-D
00819	00920	CUNRDHIA	03330398.S-R2-D
00819	00921	CUNRDHIB	03330399.S-R2-D
00819	00922	CUNRDHID	0333039A.S-R2-D
00819	00923	CUNEDHIF	0333039B.S-E0-D
00819	00924	CUNEDHIG	0333039C.S-E0-D
00819	00924	CUNRDHIG	0333039C.S-R2-D
00819	01004	CUNRDHLW	033303EC.S-R2-D
00819	01025	CUNRDHMG	03330401.S-R2-D
00819	01026	CUNRDHMH	03330402.S-R2-D
00819	01027	CUNEDHMI	03330403.S-EC-D
00819	01027	CUNLDHMI	03330403.S-EC-D
00819	01027	CUNRDHMI	03330403.S-R2-A1
00819	01041	CUNRDHMN	03330411.S-R2-D
00819	01042	CUNRDHMR	03330412.S-R2-D
00819	01043	CUNRDHMU	03330413.S-R2-D
00819	01047	CUNRDHMO	03330417.S-R2-D
00819	01047	CUNLDHMO	03330417.S-RC-A2
00819	01051	CUNRDHMM2	0333041B.S-R2-D
00819	01088	CUNRDHMM3	03330440.S-R2-D
00819	01089	CUNRDHMM6	03330441.S-R2-D
00819	01097	CUNRDHMM7	03330449.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00819	01098	CUNRDHM8	0333044A.S-R2-D
00819	01112	CUNEDHMH	03330458.S-E0-D
00819	01112	CUNRDHNH	03330458.S-R2-D
00819	01114	CUNEDHNI	0333045A.S-E0-D
00819	01114	CUNRDHNI	0333045A.S-R2-A1
00819	01122	CUNEDHNP	03330462.S-E0-D
00819	01122	CUNRDHNP	03330462.S-R2-D
00819	01123	CUNEDHNQ	03330463.S-E0-D
00819	01123	CUNRDHNQ	03330463.S-R2-D
00819	01126	CUNEDHNT	03330466.S-E0-D
00819	01130	CUNEDHNZ	0333046A.S-E0-D
00819	01130	CUNRDHNZ	0333046A.S-R2-D
00819	01132	CUNEDHNI	0333046C.S-E0-D
00819	01132	CUNRDHN1	0333046C.S-R2-D
00819	01137	CUNEDHN3	03330471.S-E0-D
00819	01140	CUNEDHN5	03330474.S-E0-D
00819	01140	CUNLDHN5	03330474.S-R2-D
00819	01140	CUNRDHN5	03330474.S-R2-D
00819	01141	CUNEDHN6	03330475.S-E0-D
00819	01141	CUNLDHN6	03330475.S-R2-D
00819	01141	CUNRDHN6	03330475.S-R2-D
00819	01142	CUNEDHN7	03330476.S-E0-D
00819	01142	CUNLDHN7	03330476.S-R2-D
00819	01142	CUNRDHN7	03330476.S-R2-D
00819	01143	CUNEDHN8	03330477.S-E0-D
00819	01143	CUNLDHN8	03330477.S-R2-D
00819	01143	CUNRDHN8	03330477.S-R2-D
00819	01144	CUNEDHN9	03330478.S-E0-D
00819	01144	CUNLDHN9	03330478.S-R2-D
00819	01144	CUNRDHN9	03330478.S-R2-D
00819	01145	CUNEDHOA	03330479.S-E0-D
00819	01145	CUNLDHOA	03330479.S-R2-D
00819	01145	CUNRDHOA	03330479.S-R2-D
00819	01146	CUNEDHOB	0333047A.S-E0-D
00819	01146	CUNLDHOB	0333047A.S-R2-D
00819	01146	CUNRDHOB	0333047A.S-R2-D
00819	01147	CUNEDHOC	0333047B.S-E0-D
00819	01147	CUNLDHOC	0333047B.S-R2-D
00819	01147	CUNRDHOC	0333047B.S-R2-D
00819	01148	CUNEDHOD	0333047C.S-E0-D
00819	01148	CUNLDHOD	0333047C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00819	01148	CUNRDHOD	0333047C.S-R2-D
00819	01149	CUNEDHOE	0333047D.S-E0-D
00819	01149	CUNLDHOE	0333047D.S-R2-D
00819	01149	CUNRDHOE	0333047D.S-R2-D
00819	01250	CUNRDHPO	033304E2.S-R2-D
00819	01251	CUNRDHPQ	033304E3.S-R2-D
00819	01252	CUNRDHPS	033304E4.S-R2-D
00819	01253	CUNRDHPU	033304E5.S-R2-D
00819	01254	CUNRDHPW	033304E6.S-R2-D
00819	01255	CUNRDHPY	033304E7.S-R2-D
00819	01257	CUNRDHP2	033304E9.S-R2-D
00819	01258	CUNRDHP4	033304EA.S-R2-D
00819	01275	CUNRDHP6	033304FB.S-R2-D
00819	01280	CUNRDHQA	03330500.S-R2-D
00819	01281	CUNRDHQB	03330501.S-R2-D
00819	01283	CUNRDHQD	03330503.S-R2-D
00819	05348	CUNEDHPT	033314E4.S-E0-D
00819	05348	CUNRDHPT	033314E4.S-R2-D
00819	13488	CUNLDHPG	033334B0.SU-R-D
00819	13488	CUNRDHPG	033334B0.SU-R-D
00833	00037	CUNEDIAA	03410025.S-E0-D
00833	00037	CUNRDIAA	03410025.S-R2-A1
00833	00256	CUNEDIAJ	03410100.S-E0-D
00833	00273	CUNEDIAV	03410111.S-E0-D
00833	00273	CUNRDIAV	03410111.S-R2-A1
00833	00277	CUNEDIA2	03410115.S-E0-D
00833	00277	CUNRDIA2	03410115.S-R2-A1
00833	00278	CUNEDIA4	03410116.S-E0-D
00833	00278	CUNRDIA4	03410116.S-R2-A1
00833	00280	CUNEDIA6	03410118.S-E0-D
00833	00280	CUNRDIA6	03410118.S-R2-A1
00833	00284	CUNEDIBB	0341011C.S-E0-D
00833	00284	CUNRDIBB	0341011C.S-R2-A1
00833	00285	CUNEDIBE	0341011D.S-E0-D
00833	00285	CUNRDIBE	0341011D.S-R2-A1
00833	00290	CUNEDIBH	03410122.S-E0-D
00833	00290	CUNRDIBH	03410122.S-R2-A1
00833	00297	CUNEDIBN	03410129.S-E0-D
00833	00297	CUNRDIBN	03410129.S-R2-A1
00833	00367	CUNEDIB0	0341016F.S-E0-A1
00833	00437	CUNEDICE	034101B5.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00833	00437	CUNRDICE	034101B5.S-R2-A1
00833	00500	CUNEDICR	034101F4.S-E0-D
00833	00500	CUNRDICR	034101F4.S-R2-A1
00833	00737	CUNEDIC6	034102E1.S-E0-D
00833	00775	CUNEDIC8	03410307.S-E0-D
00833	00819	CUNEDIDH	03410333.S-E0-D
00833	00836	CUNEDIDU	03410344.S-E0-D
00833	00836	CUNRDIDU	03410344.S-R2-A1
00833	00850	CUNEDIEB	03410352.S-E0-D
00833	00850	CUNRDIEB	03410352.S-R2-A1
00833	00852	CUNEDIEL	03410354.S-E0-D
00833	00852	CUNRDIEL	03410354.S-R2-A1
00833	00855	CUNEDIEX	03410357.S-E0-D
00833	00855	CUNRDIEX	03410357.S-R2-A1
00833	00857	CUNEDIFC	03410359.S-E0-D
00833	00857	CUNRDIFC	03410359.S-R2-A1
00833	00860	CUNEDIFM	0341035C.S-E0-A1
00833	00860	CUNRDIFM	0341035C.S-R2-D
00833	00861	CUNEDIFF	0341035D.S-E0-A1
00833	00861	CUNRDIFF	0341035D.S-R2-D
00833	00862	CUNEDIFS	0341035E.S-E0-A1
00833	00862	CUNRDIFS	0341035E.S-R2-D
00833	00863	CUNEDIFV	0341035F.S-E0-A1
00833	00863	CUNRDIFV	0341035F.S-R2-D
00833	00864	CUNEDIFY	03410360.S-E0-A1
00833	00864	CUNRDIFY	03410360.S-R2-D
00833	00865	CUNEDIGA	03410361.S-E0-A1
00833	00865	CUNRDIGA	03410361.S-R2-D
00833	00870	CUNEDIGW	03410366.S-E0-D
00833	00870	CUNRDIGW	03410366.S-R2-A1
00833	00871	CUNEDIGY	03410367.S-E0-D
00833	00871	CUNRDIGY	03410367.S-R2-A1
00833	00891	CUNEDIHD	0341037B.S-E0-A1
00833	01009	CUNEDIL2	034103F1.S-E0-D
00833	01025	CUNEDIMG	03410401.S-E0-D
00833	01025	CUNRDIMG	03410401.S-R2-A1
00833	01026	CUNEDIMH	03410402.S-E0-D
00833	01026	CUNRDIMH	03410402.S-R2-A1
00833	01027	CUNEDIMI	03410403.S-E0-A2
00833	01027	CUNRDIMI	03410403.S-R2-A1
00833	01040	CUNEDIMK	03410410.S-E0-A2

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00833	01040	CUNRDIMK	03410410.S-R2-A1
00833	01041	CUNEDIMN	03410411.S-E0-D
00833	01041	CUNRDIMN	03410411.S-R2-A1
00833	01042	CUNRDIMR	03410412.S-R2-D
00833	01043	CUNEDIMU	03410413.S-E0-D
00833	01043	CUNRDIMU	03410413.S-R2-A1
00833	01047	CUNEDIM0	03410417.S-E0-D
00833	01047	CUNLDIM0	03410417.S-E0-D
00833	01047	CUNRDIM0	03410417.S-R2-D
00833	01088	CUNEDIM3	03410440.S-E0-D
00833	01088	CUNRDIM3	03410440.S-RC-A1
00833	01112	CUNRDINH	03410458.S-R2-D
00833	01122	CUNRDINP	03410462.S-R2-D
00833	01126	CUNEDINT	03410466.S-E0-D
00833	01252	CUNEDIPS	034104E4.S-E0-D
00833	13488	CUNLDIPG	034134B0.SU-R-D
00833	13488	CUNRDIPG	034134B0.SU-R-D
00834	00926	CUNEDMIH	0342039E.D-E0-D
00834	00951	CUNEDMKS	034203B7.D-E0-D
00834	00971	CUNEDMLT	034203CB.D-E0-D
00834	01362	CUNEDMQJ	03420552.D-E0-D
00834	04930	CUNEDMDN	03421342.D-E0-D
00834	13488	CUNEDMPG	034234B0.MU-E-A1
00834	13488	CUNLDMPG	034234B0.MU-R-D
00834	13488	CUNRDMPG	034234B0.MU-R-D
00835	00927	CUNEDRIJ	0343039F.D-E0-D
00835	00947	CUNEDRJ9	034303B3.D-E0-D
00835	13488	CUNEDRPG	034334B0.MU-E-D
00835	13488	CUNLDRPG	034334B0.MU-E-D
00836	00037	CUNEDUAA	03440025.S-E0-D
00836	00037	CUNRDUAA	03440025.S-R2-A1
00836	00256	CUNEDUAJ	03440100.S-E0-D
00836	00273	CUNEDUAV	03440111.S-E0-D
00836	00273	CUNRDUAV	03440111.S-R2-A1
00836	00277	CUNEDUA2	03440115.S-E0-D
00836	00277	CUNRDUA2	03440115.S-R2-A1
00836	00278	CUNEDUA4	03440116.S-E0-D
00836	00278	CUNRDUA4	03440116.S-R2-A1
00836	00280	CUNEDUA6	03440118.S-E0-D
00836	00280	CUNRDUA6	03440118.S-R2-A1
00836	00284	CUNEDUBB	0344011C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00836	00284	CUNRDUBB	0344011C.S-R2-A1
00836	00285	CUNEDUBE	0344011D.S-E0-D
00836	00285	CUNRDUBE	0344011D.S-R2-A1
00836	00290	CUNEDUBH	03440122.S-E0-D
00836	00290	CUNRDUBH	03440122.S-R2-A1
00836	00297	CUNEDUBN	03440129.S-E0-D
00836	00297	CUNRDUBN	03440129.S-R2-A1
00836	00367	CUNEDUB0	0344016F.S-E0-D
00836	00424	CUNEDUCA	034401A8.S-E0-D
00836	00437	CUNEDUCE	034401B5.S-E0-D
00836	00500	CUNEDUCR	034401F4.S-E0-D
00836	00500	CUNRDUCR	034401F4.S-R2-A1
00836	00737	CUNEDUC6	034402E1.S-E0-D
00836	00775	CUNEDUC8	03440307.S-E0-D
00836	00819	CUNEDUDH	03440333.S-E0-D
00836	00833	CUNEDUDI	03440341.S-E0-D
00836	00833	CUNRDUDI	03440341.S-R2-A1
00836	00850	CUNEDUEB	03440352.S-E0-D
00836	00850	CUNRDUEB	03440352.S-R2-D
00836	00852	CUNRDUEL	03440354.S-R2-D
00836	00855	CUNRDUEX	03440357.S-R2-D
00836	00857	CUNRDUF	03440359.S-R2-D
00836	00870	CUNRDUGW	03440366.S-R2-D
00836	00871	CUNEDUGY	03440367.S-E0-D
00836	00871	CUNRDUGY	03440367.S-R2-A1
00836	00875	CUNEDUG8	0344036B.S-E0-D
00836	00875	CUNRDUG8	0344036B.S-R2-A1
00836	00903	CUNEDUHW	03440387.S-E0-A1
00836	01009	CUNEDUL2	034403F1.S-E0-D
00836	01025	CUNRDUMG	03440401.S-R2-D
00836	01026	CUNRDUMH	03440402.S-R2-D
00836	01027	CUNEDUMI	03440403.S-E0-D
00836	01027	CUNRDUMI	03440403.S-R2-A1
00836	01040	CUNRDUMK	03440410.S-R2-D
00836	01041	CUNRDUMN	03440411.S-R2-D
00836	01042	CUNEDUMR	03440412.S-E0-D
00836	01042	CUNRDUMR	03440412.S-R2-A1
00836	01043	CUNRDUMU	03440413.S-R2-D
00836	01047	CUNEDUM0	03440417.S-E0-D
00836	01047	CUNLDUM0	03440417.S-E0-D
00836	01047	CUNRDUM0	03440417.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00836	01088	CUNRDUM3	03440440.S-RC-D
00836	01112	CUNRDUNH	03440458.S-R2-D
00836	01114	CUNEDUNI	0344045A.S-E0-D
00836	01115	CUNEDUNM	0344045B.S-E0-D
00836	01122	CUNRDUNP	03440462.S-R2-D
00836	01252	CUNEDUPS	034404E4.S-E0-D
00836	13488	CUNLDUPG	034434B0.SU-R-D
00836	13488	CUNRDUPG	034434B0.SU-R-D
00837	00928	CUNEDYIM	034503A0.D-E0-D
00837	01380	CUNEDYQV	03450564.D-E0-D
00837	01382	CUNEDYQ0	03450566.D-E0-A1
00837	01385	CUNEDYQ6	03450569.D-E0-D
00837	04933	CUNEDYDZ	03451345.D-E0-D
00837	13488	CUNEDYPG	034534B0.MU-E-A1
00837	13488	CUNLDYPG	034534B0.MU-R-D
00837	13488	CUNRDYPG	034534B0.MU-R-D
00838	00037	CUNED1AA	03460025.S-E0-D
00838	00256	CUNED1AJ	03460100.S-E0-D
00838	00273	CUNED1AV	03460111.S-E0-D
00838	00277	CUNED1A2	03460115.S-E0-D
00838	00278	CUNED1A4	03460116.S-E0-D
00838	00280	CUNED1A6	03460118.S-E0-D
00838	00284	CUNED1BB	0346011C.S-E0-D
00838	00285	CUNED1BE	0346011D.S-E0-D
00838	00297	CUNED1BN	03460129.S-E0-D
00838	00423	CUNRD1B8	034601A7.S-R2-D
00838	00437	CUNED1CE	034601B5.S-E0-A1
00838	00437	CUNRD1CE	034601B5.S-R2-D
00838	00500	CUNED1CR	034601F4.S-E0-D
00838	00737	CUNED1C6	034602E1.S-E0-D
00838	00775	CUNED1C8	03460307.S-E0-D
00838	00813	CUNRD1DF	0346032D.S-R2-D
00838	00819	CUNRD1DH	03460333.S-R2-D
00838	00850	CUNED1EB	03460352.S-E0-D
00838	00850	CUNRD1EB	03460352.S-R2-D
00838	00852	CUNED1EL	03460354.S-E0-A1
00838	00852	CUNRD1EL	03460354.S-R2-D
00838	00857	CUNED1FC	03460359.S-E0-A1
00838	00857	CUNRD1FC	03460359.S-R2-D
00838	00860	CUNED1FM	0346035C.S-E0-A1
00838	00860	CUNRD1FM	0346035C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00838	00861	CUNED1FP	0346035D.S-E0-A1
00838	00861	CUNRD1FP	0346035D.S-R2-D
00838	00862	CUNED1FS	0346035E.S-E0-A1
00838	00862	CUNRD1FS	0346035E.S-R2-D
00838	00863	CUNED1FV	0346035F.S-E0-A1
00838	00863	CUNRD1FV	0346035F.S-R2-D
00838	00864	CUNED1FY	03460360.S-E0-A1
00838	00864	CUNRD1FY	03460360.S-R2-D
00838	00865	CUNED1GA	03460361.S-E0-A1
00838	00865	CUNRD1GA	03460361.S-R2-D
00838	00869	CUNRD1GP	03460365.S-R2-D
00838	00870	CUNRD1GW	03460366.S-R2-D
00838	00871	CUNED1GY	03460367.S-E0-D
00838	00874	CUNED1G3	0346036A.S-E0-D
00838	00874	CUNRD1G3	0346036A.S-RC-D
00838	00875	CUNRD1G8	0346036B.S-R2-D
00838	00880	CUNRD1HB	03460370.S-R2-D
00838	00897	CUNRD1HK	03460381.S-R2-D
00838	00903	CUNRD1HW	03460387.S-R2-D
00838	00912	CUNRD1H1	03460390.S-R2-D
00838	00916	CUNRD1H6	03460394.S-R2-D
00838	00920	CUNRD1IA	03460398.S-R2-D
00838	01025	CUNRD1MG	03460401.S-R2-D
00838	01026	CUNRD1MH	03460402.S-R2-D
00838	01027	CUNRD1MI	03460403.S-R2-D
00838	01041	CUNRD1MN	03460411.S-R2-D
00838	01042	CUNRD1MR	03460412.S-R2-D
00838	01043	CUNRD1MU	03460413.S-R2-D
00838	01051	CUNED1M2	0346041B.S-E0-D
00838	01112	CUNRD1NH	03460458.S-R2-D
00838	01122	CUNRD1NP	03460462.S-R2-D
00838	01252	CUNED1PS	034604E4.S-E0-D
00838	13488	CUNED1PG	034634B0.SU-E-D
00838	13488	CUNLD1PG	034634B0.SU-E-D
00848	00924	CUNED7IG	0350039C.S-E0-D
00848	00924	CUNRD7IG	0350039C.S-R2-D
00848	01148	CUNED7OD	0350047C.S-E0-D
00848	01148	CUNRD7OD	0350047C.S-R2-D
00848	01154	CUNRD7OG	03500482.S-R2-D
00848	01158	CUNED7OK	03500486.S-E0-D
00848	01158	CUNRD7OK	03500486.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00848	05347	CUNED7PR	035014E3.S-E0-D
00848	05347	CUNRD7PR	035014E3.S-R2-D
00848	17584	CUNRD7PH	035044B0.SU-R-D
00849	00924	CUNED9IG	0351039C.S-E0-D
00849	00924	CUNRD9IG	0351039C.S-R2-D
00849	01148	CUNED9OD	0351047C.S-E0-D
00849	01148	CUNRD9OD	0351047C.S-R2-D
00849	01154	CUNED9OG	03510482.S-E0-D
00849	01154	CUNRD9OG	03510482.S-R2-D
00849	01158	CUNRD9OK	03510486.S-R2-D
00849	05347	CUNED9PR	035114E3.S-E0-D
00849	05347	CUNRD9PR	035114E3.S-R2-D
00849	17584	CUNRD9PH	035144B0.SU-R-D
00850	00037	CUNCEBAA	03520025.S-C0-A2
00850	00037	CUNLEBAA	03520025.S-C0-A2
00850	00037	CUNEEBAA	03520025.S-E0-A1
00850	00037	CUNREBAA	03520025.S-R2-D
00850	00256	CUNEEBAJ	03520100.S-E0-D
00850	00256	CUNREBAJ	03520100.S-R2-D
00850	00259	CUNEEBAP	03520103.S-E0-D
00850	00273	CUNCEBAV	03520111.S-C0-A1
00850	00273	CUNLEBAV	03520111.S-C0-A1
00850	00273	CUNEEBAV	03520111.S-E0-D
00850	00273	CUNREBAV	03520111.S-R2-D
00850	00274	CUNEEBAX	03520112.S-E0-D
00850	00274	CUNREBAX	03520112.S-R2-D
00850	00275	CUNEEBAZ	03520113.S-E0-D
00850	00275	CUNREBAZ	03520113.S-R2-D
00850	00277	CUNCEBA2	03520115.S-C0-A2
00850	00277	CUNLEBA2	03520115.S-C0-A2
00850	00277	CUNEEBA2	03520115.S-E0-A1
00850	00277	CUNREBA2	03520115.S-R2-D
00850	00278	CUNCEBA4	03520116.S-C0-A2
00850	00278	CUNLEBA4	03520116.S-C0-A2
00850	00278	CUNEEBA4	03520116.S-E0-A1
00850	00278	CUNREBA4	03520116.S-R2-D
00850	00280	CUNCEBA6	03520118.S-C0-A2
00850	00280	CUNLEBA6	03520118.S-C0-A2
00850	00280	CUNEEBA6	03520118.S-E0-A1
00850	00280	CUNREBA6	03520118.S-R2-D
00850	00284	CUNCEBBB	0352011C.S-C0-A2

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00850	00284	CUNLEBBB	0352011C.S-C0-A2
00850	00284	CUNEEBBB	0352011C.S-E0-A1
00850	00284	CUNREBBB	0352011C.S-R2-D
00850	00285	CUNCEBBE	0352011D.S-C0-A1
00850	00285	CUNLEBBE	0352011D.S-C0-A1
00850	00285	CUNEEBBE	0352011D.S-E0-D
00850	00285	CUNREBBE	0352011D.S-R2-D
00850	00290	CUNEEBBH	03520122.S-EC-D
00850	00290	CUNREBBH	03520122.S-R2-A1
00850	00297	CUNCEBBN	03520129.S-C0-A1
00850	00297	CUNLEBBN	03520129.S-C0-A1
00850	00297	CUNEEBBN	03520129.S-E0-D
00850	00297	CUNREBBN	03520129.S-R2-D
00850	00367	CUNEEBB0	0352016F.S-E0-D
00850	00420	CUNREBB1	035201A4.S-R2-D
00850	00423	CUNREBB8	035201A7.S-R2-D
00850	00424	CUNEEBCA	035201A8.S-E0-D
00850	00424	CUNREBCA	035201A8.S-R2-D
00850	00437	CUNEEBCE	035201B5.S-E0-A2
00850	00437	CUNREBCE	035201B5.S-RC-D
00850	00500	CUNCEBCR	035201F4.S-C0-A2
00850	00500	CUNLEBCR	035201F4.S-C0-A2
00850	00500	CUNEEBCR	035201F4.S-E0-A1
00850	00500	CUNREBCR	035201F4.S-R2-D
00850	00737	CUNREBC6	035202E1.S-R2-D
00850	00775	CUNREBC8	03520307.S-R2-D
00850	00803	CUNEEBDA	03520323.S-E0-D
00850	00803	CUNREBDA	03520323.S-RC-D
00850	00813	CUNREBDF	0352032D.S-R2-D
00850	00819	CUNEEBDH	03520333.S-E0-A1
00850	00819	CUNREBDH	03520333.S-R2-D
00850	00833	CUNEEBDI	03520341.S-EC-D
00850	00833	CUNREBDI	03520341.S-R2-A1
00850	00836	CUNEEBDU	03520344.S-E0-D
00850	00836	CUNREBDU	03520344.S-R2-D
00850	00838	CUNEEBD1	03520346.S-E0-D
00850	00838	CUNREBD1	03520346.S-R2-D
00850	00852	CUNREBEL	03520354.S-RC-D
00850	00855	CUNREBEX	03520357.S-RC-D
00850	00856	CUNREBE4	03520358.S-R2-D
00850	00857	CUNREBFC	03520359.S-R1-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00850	00858	CUNEEBFI	0352035A.S-E0-D
00850	00860	CUNREBFM	0352035C.S-RC-D
00850	00861	CUNREBFP	0352035D.S-R1-D
00850	00862	CUNREBFS	0352035E.S-RC-D
00850	00863	CUNREBFV	0352035F.S-RC-D
00850	00864	CUNREBFY	03520360.S-RC-D
00850	00865	CUNREBGA	03520361.S-RC-D
00850	00866	CUNREBGD	03520362.S-RC-D
00850	00869	CUNREBGP	03520365.S-RC-D
00850	00870	CUNEEBGW	03520366.S-E0-D
00850	00870	CUNREBGW	03520366.S-RC-D
00850	00871	CUNCEBGY	03520367.S-C0-A2
00850	00871	CUNLEBGY	03520367.S-C0-A2
00850	00871	CUNEEBGY	03520367.S-E0-A1
00850	00871	CUNREBGY	03520367.S-R2-D
00850	00874	CUNREBG3	0352036A.S-R2-D
00850	00875	CUNREBG8	0352036B.S-R2-D
00850	00880	CUNEEBHB	03520370.S-E0-D
00850	00880	CUNREBHB	03520370.S-RC-D
00850	00897	CUNEEBHK	03520381.S-E0-A1
00850	00897	CUNREBHK	03520381.S-R2-D
00850	00903	CUNREBHW	03520387.S-R2-D
00850	00905	CUNEEBH0	03520389.S-E0-D
00850	00905	CUNREBH0	03520389.S-R2-D
00850	00912	CUNREBH1	03520390.S-R2-D
00850	00914	CUNREBH3	03520392.S-R2-D
00850	00915	CUNREBH4	03520393.S-R2-D
00850	00916	CUNREBH6	03520394.S-R2-D
00850	00920	CUNREBIA	03520398.S-R2-D
00850	00921	CUNREBIB	03520399.S-R2-D
00850	00922	CUNREBID	0352039A.S-R2-D
00850	00923	CUNEEBIF	0352039B.S-E0-D
00850	00923	CUNREBIF	0352039B.S-RC-D
00850	00924	CUNEEBIG	0352039C.S-E0-D
00850	00924	CUNREBIG	0352039C.S-R2-D
00850	01004	CUNREBLW	035203EC.S-R2-D
00850	01025	CUNREBMG	03520401.S-RC-D
00850	01026	CUNEEBMH	03520402.S-E0-D
00850	01026	CUNREBMH	03520402.S-R2-D
00850	01027	CUNEEBMI	03520403.S-EC-D
00850	01027	CUNREBMI	03520403.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00850	01040	CUNEEBMK	03520410.S-E0-D
00850	01040	CUNREBMK	03520410.S-R2-A1
00850	01041	CUNEEBMN	03520411.S-E0-D
00850	01041	CUNREBMN	03520411.S-R2-A1
00850	01042	CUNREBMR	03520412.S-R2-D
00850	01043	CUNEEBMU	03520413.S-E0-D
00850	01043	CUNREBMU	03520413.S-R2-A1
00850	01047	CUNCEBM0	03520417.S-C0-A1
00850	01047	CUNLEBM0	03520417.S-C0-A1
00850	01047	CUNREBM0	03520417.S-R2-D
00850	01051	CUNREBM2	0352041B.S-R2-D
00850	01088	CUNREBM3	03520440.S-RC-D
00850	01089	CUNREBM6	03520441.S-R2-D
00850	01097	CUNREBM7	03520449.S-R2-D
00850	01098	CUNREBM8	0352044A.S-RC-D
00850	01100	CUNREBM9	0352044C.S-R2-D
00850	01112	CUNREBNH	03520458.S-R2-D
00850	01114	CUNEEBNI	0352045A.S-E0-A1
00850	01114	CUNREBNI	0352045A.S-R2-D
00850	01122	CUNREBNP	03520462.S-R2-D
00850	01126	CUNEEBNT	03520466.S-E0-D
00850	01130	CUNEEBNZ	0352046A.S-E0-D
00850	01130	CUNREBNZ	0352046A.S-R2-D
00850	01132	CUNEEBN1	0352046C.S-E0-D
00850	01132	CUNREBN1	0352046C.S-R2-D
00850	01140	CUNEEBN5	03520474.S-E0-D
00850	01140	CUNLEBN5	03520474.S-R2-D
00850	01140	CUNREBN5	03520474.S-R2-D
00850	01141	CUNEEBN6	03520475.S-E0-D
00850	01141	CUNLEBN6	03520475.S-R2-D
00850	01141	CUNREBN6	03520475.S-R2-D
00850	01142	CUNEEBN7	03520476.S-E0-D
00850	01142	CUNLEBN7	03520476.S-R2-D
00850	01142	CUNREBN7	03520476.S-R2-D
00850	01143	CUNEEBN8	03520477.S-E0-D
00850	01143	CUNLEBN8	03520477.S-R2-D
00850	01143	CUNREBN8	03520477.S-R2-D
00850	01144	CUNEEBN9	03520478.S-E0-D
00850	01144	CUNLEBN9	03520478.S-R2-D
00850	01144	CUNREBN9	03520478.S-R2-D
00850	01145	CUNEEBOA	03520479.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00850	01145	CUNLEBOA	03520479.S-R2-D
00850	01145	CUNREBOA	03520479.S-R2-D
00850	01146	CUNEEBOB	0352047A.S-E0-D
00850	01146	CUNLEBOB	0352047A.S-R2-D
00850	01146	CUNREBOB	0352047A.S-R2-D
00850	01147	CUNEEBOC	0352047B.S-E0-D
00850	01147	CUNLEBOC	0352047B.S-R2-D
00850	01147	CUNREBOC	0352047B.S-R2-D
00850	01148	CUNEEBOD	0352047C.S-E0-D
00850	01148	CUNLEBOD	0352047C.S-R2-D
00850	01148	CUNREBOD	0352047C.S-R2-D
00850	01149	CUNEEBOE	0352047D.S-E0-D
00850	01149	CUNLEBOE	0352047D.S-R2-D
00850	01149	CUNREBOE	0352047D.S-R2-D
00850	01250	CUNREBPO	035204E2.S-R2-D
00850	01251	CUNREBPQ	035204E3.S-R2-D
00850	01252	CUNEEBPS	035204E4.S-E0-A1
00850	01252	CUNREBPS	035204E4.S-R2-D
00850	01253	CUNREBPU	035204E5.S-R2-D
00850	01254	CUNREBPW	035204E6.S-R2-D
00850	01255	CUNREBPY	035204E7.S-R2-D
00850	01256	CUNREBP0	035204E8.S-R2-D
00850	01257	CUNREBP2	035204E9.S-R2-D
00850	01275	CUNREBP6	035204FB.S-R2-D
00850	01280	CUNREBQA	03520500.S-R2-D
00850	01281	CUNREBQB	03520501.S-R2-D
00850	01283	CUNREBQD	03520503.S-R2-D
00850	04953	CUNEEbfd	03521359.S-E0-D
00850	05348	CUNEEbpt	035214E4.S-E0-D
00850	05348	CUNREBPT	035214E4.S-R2-D
00850	13488	CUNLEBPG	035234B0.SU-R-D
00850	13488	CUNREBPG	035234B0.SU-R-D
00851	00259	CUNEEGAP	03530103.S-E0-D
00851	00423	CUNREGB8	035301A7.S-R1-D
00851	00500	CUNREGCR	035301F4.S-R1-D
00851	00875	CUNREGG8	0353036B.S-R1-D
00851	13488	CUNREGPG	035334B0.SU-R-D
00852	00037	CUNEELAA	03540025.S-E0-A2
00852	00037	CUNRELAA	03540025.S-R2-A1
00852	00256	CUNEELAJ	03540100.S-E0-A1
00852	00256	CUNRELAJ	03540100.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00852	00259	CUNEELAP	03540103.S-E0-D
00852	00273	CUNEELAV	03540111.S-E0-A1
00852	00273	CUNRELAV	03540111.S-RC-D
00852	00277	CUNEELA2	03540115.S-E0-A1
00852	00277	CUNRELA2	03540115.S-RC-D
00852	00278	CUNEELA4	03540116.S-E0-A1
00852	00278	CUNRELA4	03540116.S-RC-D
00852	00280	CUNEELA6	03540118.S-E0-A1
00852	00280	CUNRELA6	03540118.S-RC-D
00852	00284	CUNEELBB	0354011C.S-E0-A1
00852	00284	CUNRELBB	0354011C.S-RC-D
00852	00285	CUNEELBE	0354011D.S-E0-A1
00852	00285	CUNRELBE	0354011D.S-RC-D
00852	00290	CUNEELBH	03540122.S-EC-D
00852	00290	CUNRELBH	03540122.S-R2-A1
00852	00297	CUNEELBN	03540129.S-E0-A1
00852	00297	CUNRELBN	03540129.S-RC-D
00852	00420	CUNEELB1	035401A4.S-E0-A1
00852	00420	CUNRELB1	035401A4.S-R2-D
00852	00423	CUNEELB8	035401A7.S-E0-A1
00852	00423	CUNRELB8	035401A7.S-R2-D
00852	00424	CUNEELCA	035401A8.S-E0-A1
00852	00424	CUNRELCA	035401A8.S-R2-D
00852	00437	CUNRELCE	035401B5.S-RC-D
00852	00500	CUNEELCR	035401F4.S-E0-A1
00852	00500	CUNRELCR	035401F4.S-RC-D
00852	00813	CUNRELDI	0354032D.S-R2-D
00852	00819	CUNRELDH	03540333.S-RC-D
00852	00833	CUNEELDI	03540341.S-EC-D
00852	00833	CUNRELDI	03540341.S-R2-A1
00852	00836	CUNRELDU	03540344.S-R2-D
00852	00838	CUNEELD1	03540346.S-E0-A1
00852	00838	CUNRELD1	03540346.S-R2-D
00852	00850	CUNRELEB	03540352.S-RC-D
00852	00855	CUNRELEX	03540357.S-R2-D
00852	00857	CUNRELFC	03540359.S-RC-D
00852	00860	CUNRELFM	0354035C.S-R2-D
00852	00861	CUNRELFP	0354035D.S-R2-D
00852	00863	CUNRELGV	0354035F.S-R2-D
00852	00869	CUNRELGP	03540365.S-R2-D
00852	00870	CUNEELGW	03540366.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00852	00870	CUNRELGW	03540366.S-RC-D
00852	00871	CUNEELGY	03540367.S-E0-A1
00852	00871	CUNRELGY	03540367.S-RC-D
00852	00874	CUNRELG3	0354036A.S-R2-D
00852	00875	CUNEELG8	0354036B.S-E0-A1
00852	00875	CUNRELG8	0354036B.S-R2-D
00852	00880	CUNEELHB	03540370.S-E0-A1
00852	00880	CUNRELHB	03540370.S-RC-D
00852	00897	CUNRELHK	03540381.S-R2-D
00852	00903	CUNRELHW	03540387.S-R2-D
00852	00905	CUNEELH0	03540389.S-E0-A1
00852	00905	CUNRELH0	03540389.S-R2-D
00852	00912	CUNEELH1	03540390.S-E0-A1
00852	00912	CUNRELH1	03540390.S-R2-D
00852	00916	CUNRELH6	03540394.S-R2-D
00852	00920	CUNRELLIA	03540398.S-R2-D
00852	01025	CUNEELMG	03540401.S-E0-A1
00852	01025	CUNRELMG	03540401.S-RC-D
00852	01026	CUNEELMH	03540402.S-E0-A1
00852	01026	CUNRELMH	03540402.S-RC-D
00852	01027	CUNEELMI	03540403.S-EC-D
00852	01027	CUNRELMII	03540403.S-R2-A1
00852	01040	CUNEELMK	03540410.S-E0-D
00852	01040	CUNRELMK	03540410.S-R2-A1
00852	01041	CUNEELMN	03540411.S-E0-D
00852	01041	CUNRELMN	03540411.S-R2-A1
00852	01042	CUNRELMR	03540412.S-R2-D
00852	01043	CUNEELMU	03540413.S-E0-D
00852	01043	CUNRELMU	03540413.S-R2-A1
00852	01047	CUNRELM0	03540417.S-R2-D
00852	01088	CUNRELM3	03540440.S-RC-D
00852	01097	CUNEELM7	03540449.S-E0-A1
00852	01097	CUNRELM7	03540449.S-R2-D
00852	01250	CUNRELPO	035404E2.S-RC-D
00852	01252	CUNRELPS	035404E4.S-R2-D
00852	01282	CUNRELQC	03540502.S-R2-D
00852	05346	CUNEELPP	035414E2.S-E0-D
00852	05346	CUNRELPP	035414E2.S-R2-D
00852	13488	CUNLELPG	035434B0.SU-R-D
00852	13488	CUNRELPG	035434B0.SU-R-D
00852	28709	CUNEELAH	03547025.S-EC-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00852	28709	CUNRELAH	03547025.S-R2-D
00855	00037	CUNREXAA	03570025.S-RC-D
00855	00259	CUNREXAP	03570103.S-RC-A1
00855	00273	CUNREXAV	03570111.S-RC-D
00855	00277	CUNREXA2	03570115.S-RC-D
00855	00278	CUNREXA4	03570116.S-RC-D
00855	00280	CUNREXA6	03570118.S-RC-D
00855	00284	CUNREXBB	0357011C.S-RC-D
00855	00285	CUNREXBE	0357011D.S-RC-D
00855	00290	CUNEEXBH	03570122.S-EC-D
00855	00290	CUNREXBH	03570122.S-R2-A1
00855	00297	CUNREXBN	03570129.S-RC-D
00855	00437	CUNREXCE	035701B5.S-RC-D
00855	00500	CUNREXCR	035701F4.S-RC-D
00855	00819	CUNREXDH	03570333.S-R2-D
00855	00833	CUNEEXDI	03570341.S-EC-D
00855	00833	CUNREXDI	03570341.S-R2-A1
00855	00836	CUNREXDU	03570344.S-R2-D
00855	00850	CUNREXEB	03570352.S-RC-D
00855	00852	CUNREXEL	03570354.S-R2-D
00855	00857	CUNREXFC	03570359.S-RC-D
00855	00866	CUNEEXGD	03570362.S-EC-D
00855	00870	CUNREXGW	03570366.S-RC-D
00855	00871	CUNREXYG	03570367.S-RC-D
00855	00878	CUNREXHA	0357036E.S-R2-D
00855	00880	CUNREXHB	03570370.S-R2-D
00855	00912	CUNREXH1	03570390.S-R2-D
00855	00915	CUNEEXH4	03570393.S-E0-A1
00855	00915	CUNREXH4	03570393.S-RC-D
00855	01025	CUNEEXMG	03570401.S-E0-A1
00855	01025	CUNREXMG	03570401.S-R2-D
00855	01026	CUNREXMH	03570402.S-RC-D
00855	01027	CUNEEXMI	03570403.S-EC-D
00855	01027	CUNREXMI	03570403.S-R2-A1
00855	01040	CUNEEXMK	03570410.S-E0-D
00855	01040	CUNREXMK	03570410.S-R2-A1
00855	01041	CUNEEXMN	03570411.S-E0-D
00855	01041	CUNREXMN	03570411.S-R2-A1
00855	01042	CUNREXMR	03570412.S-R2-D
00855	01043	CUNEEXMU	03570413.S-E0-D
00855	01043	CUNREXMU	03570413.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00855	01088	CUNREXM3	03570440.S-RC-D
00855	01250	CUNREXPO	035704E2.S-R2-D
00855	01251	CUNREXPQ	035704E3.S-R2-D
00855	01252	CUNREXPS	035704E4.S-R2-D
00855	01283	CUNREXQD	03570503.S-R2-D
00855	05347	CUNEEXPR	035714E3.S-E0-D
00855	05347	CUNREXPR	035714E3.S-R2-D
00855	13488	CUNLEXPG	035734B0.SU-R-D
00855	13488	CUNREXPG	035734B0.SU-R-D
00856	00259	CUNEE4AP	03580103.S-E0-D
00856	00273	CUNEE4AV	03580111.S-E0-D
00856	00424	CUNRE4CA	035801A8.S-R2-A1
00856	00500	CUNRE4CR	035801F4.S-R2-D
00856	00803	CUNRE4DA	03580323.S-RC-D
00856	00850	CUNRE4EB	03580352.S-R2-D
00856	00862	CUNRE4FS	0358035E.S-RC-D
00856	00916	CUNRE4H6	03580394.S-RC-D
00856	01255	CUNRE4PY	035804E7.S-R2-D
00856	05351	CUNEE4PZ	035814E7.S-E0-D
00856	05351	CUNRE4PZ	035814E7.S-R2-D
00856	13488	CUNLE4PG	035834B0.SU-R-D
00856	13488	CUNRE4PG	035834B0.SU-R-D
00857	00037	CUNEFCAA	03590025.S-E0-A1
00857	00037	CUNRFCAA	03590025.S-R2-D
00857	00256	CUNEFCAJ	03590100.S-E0-A1
00857	00256	CUNRFCAJ	03590100.S-R2-D
00857	00259	CUNEFCAP	03590103.S-E0-D
00857	00273	CUNEFCAV	03590111.S-E0-A1
00857	00273	CUNRFCAV	03590111.S-R2-D
00857	00277	CUNEFCA2	03590115.S-E0-A1
00857	00277	CUNRFCA2	03590115.S-R2-D
00857	00278	CUNEFCA4	03590116.S-E0-A1
00857	00278	CUNRFCA4	03590116.S-R2-D
00857	00280	CUNEFCA6	03590118.S-E0-A1
00857	00280	CUNRFCA6	03590118.S-R2-D
00857	00284	CUNEFCBB	0359011C.S-E0-A1
00857	00284	CUNRFCBB	0359011C.S-R2-D
00857	00285	CUNEFCBE	0359011D.S-E0-A1
00857	00285	CUNRFCBE	0359011D.S-R2-D
00857	00290	CUNEFCBH	03590122.S-EC-D
00857	00290	CUNRFCBH	03590122.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00857	00297	CUNEFCBN	03590129.S-E0-A1
00857	00297	CUNRFCBN	03590129.S-R2-D
00857	00420	CUNEFCB1	035901A4.S-E0-A1
00857	00420	CUNRFCB1	035901A4.S-R2-D
00857	00423	CUNEFCB8	035901A7.S-E0-A1
00857	00423	CUNRFCB8	035901A7.S-R2-D
00857	00424	CUNECCA	035901A8.S-E0-A1
00857	00424	CUNRFCCA	035901A8.S-R2-D
00857	00437	CUNRFCCE	035901B5.S-RC-D
00857	00500	CUNECCR	035901F4.S-E0-A1
00857	00500	CUNRFCCR	035901F4.S-R2-D
00857	00813	CUNRFCDF	0359032D.S-R2-D
00857	00819	CUNRFCDH	03590333.S-R2-D
00857	00833	CUNEFCDI	03590341.S-EC-D
00857	00833	CUNRFCDI	03590341.S-R2-A1
00857	00836	CUNRFCDU	03590344.S-R2-D
00857	00838	CUNEFCDF1	03590346.S-E0-A1
00857	00838	CUNRFCD1	03590346.S-R2-D
00857	00850	CUNRFCEB	03590352.S-R1-D
00857	00852	CUNRFCEL	03590354.S-RC-D
00857	00855	CUNRFCEX	03590357.S-RC-D
00857	00860	CUNRFCFM	0359035C.S-R2-D
00857	00861	CUNRFCFP	0359035D.S-R2-D
00857	00863	CUNRFCFV	0359035F.S-R2-D
00857	00869	CUNRFCGP	03590365.S-R2-D
00857	00870	CUNEFCGW	03590366.S-E0-A1
00857	00870	CUNRFCGW	03590366.S-R2-D
00857	00871	CUNEFCGY	03590367.S-E0-A1
00857	00871	CUNRFCGY	03590367.S-R2-D
00857	00874	CUNRFCG3	0359036A.S-R2-D
00857	00875	CUNEFCG8	0359036B.S-E0-A1
00857	00875	CUNRFCG8	0359036B.S-R2-D
00857	00880	CUNEFCHB	03590370.S-E0-A1
00857	00880	CUNRFCHB	03590370.S-R2-D
00857	00897	CUNRFCHK	03590381.S-R2-D
00857	00903	CUNRFCHW	03590387.S-R2-D
00857	00905	CUNEFCH0	03590389.S-E0-A1
00857	00905	CUNRFCH0	03590389.S-R1-D
00857	00912	CUNRFCH1	03590390.S-R2-D
00857	00916	CUNRFCH6	03590394.S-R2-D
00857	00920	CUNRFCIA	03590398.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00857	01025	CUNEFCMG	03590401.S-E0-A1
00857	01025	CUNRFCMG	03590401.S-R2-D
00857	01026	CUNEFCMH	03590402.S-E0-A1
00857	01026	CUNRFCMH	03590402.S-R2-D
00857	01027	CUNEFCMI	03590403.S-EC-D
00857	01027	CUNRFCMI	03590403.S-R2-A1
00857	01040	CUNEFCKM	03590410.S-E0-D
00857	01040	CUNRFCMK	03590410.S-R2-A1
00857	01041	CUNEFCMN	03590411.S-E0-D
00857	01041	CUNRFCMN	03590411.S-R2-A1
00857	01042	CUNRFCKR	03590412.S-R2-D
00857	01043	CUNEFCKU	03590413.S-E0-D
00857	01043	CUNRFCKU	03590413.S-R2-A1
00857	01088	CUNRFCKM3	03590440.S-RC-D
00857	01097	CUNEFCKM7	03590449.S-E0-A1
00857	01097	CUNRFCKM7	03590449.S-R2-D
00857	01252	CUNRFCKPS	035904E4.S-R2-D
00857	01254	CUNRFCKPW	035904E6.S-R2-D
00857	01281	CUNRFCKQB	03590501.S-R2-D
00857	01288	CUNEFCKSY	03590508.S-E0-D
00857	01288	CUNRFCKSY	03590508.S-R2-D
00857	05350	CUNEFCKPX	035914E6.S-E0-D
00857	05350	CUNRFCKPX	035914E6.S-R2-D
00857	13488	CUNRFCKPG	035934B0.SU-R-D
00857	28709	CUNEFCAH	03597025.S-EC-A1
00857	28709	CUNRFCAH	03597025.S-R2-D
00858	00037	CUNEFIAA	035A0025.S-E0-D
00858	00037	CUNRFIAA	035A0025.S-R2-D
00858	00259	CUNEFIAP	035A0103.S-E0-D
00858	00273	CUNEFIAV	035A0111.S-E0-D
00858	00273	CUNRFIAV	035A0111.S-R2-D
00858	00277	CUNEFIA2	035A0115.S-E0-D
00858	00277	CUNRFIA2	035A0115.S-R2-D
00858	00278	CUNEFIA4	035A0116.S-E0-D
00858	00278	CUNRFIA4	035A0116.S-R2-D
00858	00280	CUNEFIA6	035A0118.S-E0-D
00858	00280	CUNRFIA6	035A0118.S-R2-D
00858	00284	CUNEFIBB	035A011C.S-E0-D
00858	00284	CUNRFIBB	035A011C.S-R2-D
00858	00285	CUNEFIBE	035A011D.S-E0-D
00858	00285	CUNRFIBE	035A011D.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00858	00297	CUNEFIBN	035A0129.S-E0-D
00858	00297	CUNRFIBN	035A0129.S-R2-D
00858	00437	CUNEFICE	035A01B5.S-E0-D
00858	00437	CUNRFICE	035A01B5.S-R2-D
00858	00500	CUNEFICR	035A01F4.S-E0-D
00858	00500	CUNRFICR	035A01F4.S-R2-D
00858	00808	CUNEFID5	035A0328.S-E0-D
00858	00808	CUNRFID5	035A0328.S-R2-D
00858	00819	CUNEFIDH	035A0333.S-E0-D
00858	00819	CUNRFIDH	035A0333.S-R2-D
00858	00850	CUNEFIEB	035A0352.S-E0-D
00858	00860	CUNEFIFM	035A035C.S-E0-D
00858	00860	CUNRFIFM	035A035C.S-R2-D
00858	00861	CUNEFIFP	035A035D.S-E0-D
00858	00861	CUNRFIFP	035A035D.S-R2-D
00858	00865	CUNEFIGA	035A0361.S-E0-D
00858	00865	CUNRFIGA	035A0361.S-R2-D
00858	00871	CUNEFIGY	035A0367.S-E0-D
00858	00871	CUNRFIGY	035A0367.S-R2-D
00858	00872	CUNEFIGO	035A0368.S-E0-D
00858	00872	CUNRFIGO	035A0368.S-R2-D
00858	00901	CUNEFIHS	035A0385.S-E0-D
00858	00901	CUNRFIHS	035A0385.S-R2-D
00858	00902	CUNEFIHU	035A0386.S-E0-D
00858	00902	CUNRFIHU	035A0386.S-R2-D
00858	00923	CUNEFIIF	035A039B.S-E0-D
00858	00923	CUNRFIIF	035A039B.S-R2-D
00858	00924	CUNEFIIG	035A039C.S-E0-D
00858	00924	CUNRFIIG	035A039C.S-R2-D
00858	01047	CUNEFIM0	035A0417.S-E0-D
00858	01047	CUNLFIM0	035A0417.S-R2-D
00858	01047	CUNRFIM0	035A0417.S-R2-D
00858	01051	CUNEFIM2	035A041B.S-E0-D
00858	01051	CUNRFIM2	035A041B.S-R2-D
00858	01140	CUNEFIN5	035A0474.S-E0-D
00858	01140	CUNLFIN5	035A0474.S-R2-D
00858	01140	CUNRFIN5	035A0474.S-R2-D
00858	01141	CUNEFIN6	035A0475.S-E0-D
00858	01141	CUNLFIN6	035A0474.S-R2-D
00858	01141	CUNRFIN6	035A0475.S-R2-D
00858	01142	CUNEFIN7	035A0476.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00858	01142	CUNLFIN7	035A0476.S-R2-D
00858	01142	CUNRFIN7	035A0476.S-R2-D
00858	01143	CUNEFIN8	035A0477.S-E0-D
00858	01143	CUNLFIN8	035A0477.S-R2-D
00858	01143	CUNRFIN8	035A0477.S-R2-D
00858	01144	CUNEFIN9	035A0478.S-E0-D
00858	01144	CUNLFIN9	035A0478.S-R2-D
00858	01144	CUNRFIN9	035A0478.S-R2-D
00858	01145	CUNEFIOA	035A0479.S-E0-D
00858	01145	CUNLFIOA	035A0479.S-R2-D
00858	01145	CUNRFIOA	035A0479.S-R2-D
00858	01146	CUNEFIOB	035A047A.S-E0-D
00858	01146	CUNLFIOB	035A047A.S-R2-D
00858	01146	CUNRFIOB	035A047A.S-R2-D
00858	01147	CUNEFIOC	035A047B.S-E0-D
00858	01147	CUNLFIOC	035A047B.S-R2-D
00858	01147	CUNRFIOC	035A047B.S-R2-D
00858	01148	CUNEFIOD	035A047C.S-E0-D
00858	01148	CUNLFIOD	035A047C.S-R2-D
00858	01148	CUNRFIOD	035A047C.S-R2-D
00858	01149	CUNEFIOE	035A047D.S-E0-D
00858	01149	CUNLFIOE	035A047D.S-R2-D
00858	01149	CUNRFIOE	035A047D.S-R2-D
00858	01153	CUNEFIOF	035A0481.S-E0-D
00858	01153	CUNRFIOF	035A0481.S-R2-D
00858	01154	CUNEFIOG	035A0482.S-E0-D
00858	01154	CUNRFIOG	035A0482.S-R2-D
00858	01155	CUNEFIOH	035A0483.S-E0-D
00858	01155	CUNRFIOH	035A0483.S-R2-D
00858	01156	CUNEFIOI	035A0484.S-E0-D
00858	01156	CUNRFIOI	035A0484.S-R2-D
00858	01157	CUNEFIOJ	035A0485.S-E0-D
00858	01157	CUNRFIOJ	035A0485.S-R2-D
00858	01160	CUNEFIOM	035A0488.S-E0-D
00858	01160	CUNRFIOM	035A0488.S-R2-D
00858	01161	CUNEFION	035A0489.S-E0-D
00858	01161	CUNRFION	035A0489.S-R2-D
00858	01162	CUNEFIOO	035A048A.S-E0-D
00858	01162	CUNRFIOO	035A048A.S-R2-D
00858	01164	CUNEFIOQ	035A048C.S-E0-D
00858	01164	CUNRFIOQ	035A048C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00858	01252	CUNEFIPS	035A04E4.S-E0-D
00858	01252	CUNRFIPS	035A04E4.S-R2-D
00858	01275	CUNEFIP6	035A04FB.S-E0-D
00858	01275	CUNRFIP6	035A04FB.S-R2-D
00858	04909	CUNEFIDG	035A132D.S-E0-D
00858	04909	CUNRFIDG	035A132D.S-R2-D
00858	04971	CUNEFIG9	035A136B.S-E0-D
00858	04971	CUNRFIG9	035A136B.S-R2-D
00858	05123	CUNEFIMJ	035A1403.S-E0-D
00858	05210	CUNEFINJ	035A145A.S-E0-D
00858	05210	CUNRFINJ	035A145A.S-R2-D
00858	05348	CUNEFIPT	035A14E4.S-E0-D
00858	05348	CUNRFIPT	035A14E4.S-R2-D
00858	08482	CUNEFIBJ	035A2122.S-E0-D
00858	08482	CUNRFIBJ	035A2122.S-R2-D
00858	09044	CUNEFIEN	035A2354.S-E0-D
00858	09044	CUNRFIEN	035A2354.S-R2-D
00858	09049	CUNEFIFE	035A2359.S-E0-D
00858	09049	CUNRFIFE	035A2359.S-R2-D
00858	09061	CUNEFIGR	035A2365.S-E0-D
00858	09061	CUNRFIGR	035A2365.S-R2-D
00858	16804	CUNEFIB5	035A41A4.S-E0-D
00858	16804	CUNRFIB5	035A41A4.S-R2-D
00858	17248	CUNEFIF2	035A4360.S-E0-D
00858	17248	CUNRFIF2	035A4360.S-R2-D
00858	17584	CUNRFIPH	035A44B0.SU-R-D
00859	00808	CUNEFKD5	035B0328.S-E0-D
00859	00808	CUNRFKD5	035B0328.S-R2-D
00859	00872	CUNEFKG0	035B0368.S-E0-D
00859	00872	CUNRFKG0	035B0368.S-R2-D
00859	00901	CUNEFKHS	035B0385.S-E0-D
00859	00901	CUNRFKHS	035B0385.S-R2-D
00859	00902	CUNEFKHU	035B0386.S-E0-D
00859	00902	CUNRFKHU	035B0386.S-R2-D
00859	01153	CUNEFKOF	035B0481.S-E0-D
00859	01153	CUNRFKOF	035B0481.S-R2-D
00859	01154	CUNEFKOG	035B0482.S-E0-D
00859	01154	CUNRFKOG	035B0482.S-R2-D
00859	01155	CUNEFKOH	035B0483.S-E0-D
00859	01155	CUNRFKOH	035B0483.S-R2-D
00859	01156	CUNEFKOI	035B0484.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00859	01156	CUNRFKOI	035B0484.S-R2-D
00859	01157	CUNEFKOJ	035B0485.S-E0-D
00859	01157	CUNRFKOJ	035B0485.S-R2-D
00859	01160	CUNEFKOM	035B0488.S-E0-D
00859	01160	CUNRFKOM	035B0488.S-R2-D
00859	01161	CUNEFKON	035B0489.S-E0-D
00859	01161	CUNRFKON	035B0489.S-R2-D
00859	01162	CUNEFKOO	035B048A.S-E0-D
00859	01162	CUNRFKOO	035B048A.S-R2-D
00859	01164	CUNEFKOQ	035B048C.S-E0-D
00859	01164	CUNRFKOQ	035B048C.S-R2-D
00859	04909	CUNEFKDG	035B132D.S-E0-D
00859	04909	CUNRFKDG	035B132D.S-R2-D
00859	04971	CUNEFKG9	035B136B.S-E0-D
00859	04971	CUNRFKG9	035B136B.S-R2-D
00859	09044	CUNEFKEN	035B2354.S-E0-D
00859	09044	CUNRFKEN	035B2354.S-R2-D
00859	09049	CUNEFKFE	035B2359.S-E0-D
00859	09049	CUNRFKFE	035B2359.S-R2-D
00859	09061	CUNEFKGR	035B2365.S-E0-D
00859	09061	CUNRFKGR	035B2365.S-R2-D
00859	16804	CUNEFKB5	035B41A4.S-E0-D
00859	16804	CUNRFKB5	035B41A4.S-R2-D
00859	17248	CUNEFKF2	035B4360.S-E0-D
00859	17248	CUNRFKF2	035B4360.S-R2-D
00859	17584	CUNRFKPH	035B44B0.SU-R-D
00860	00037	CUNEFMAA	035C0025.S-E0-A1
00860	00037	CUNRFMAA	035C0025.S-RC-D
00860	00256	CUNEFMAJ	035C0100.S-E0-A1
00860	00256	CUNRFMAJ	035C0100.S-R2-D
00860	00259	CUNEFMAP	035C0103.S-E0-D
00860	00273	CUNEFMAV	035C0111.S-E0-A1
00860	00273	CUNRFMAV	035C0111.S-RC-D
00860	00277	CUNEFMA2	035C0115.S-E0-A1
00860	00277	CUNRFMA2	035C0115.S-RC-D
00860	00278	CUNEFMA4	035C0116.S-E0-A1
00860	00278	CUNRFMA4	035C0116.S-RC-D
00860	00280	CUNEFMA6	035C0118.S-E0-A1
00860	00280	CUNRFMA6	035C0118.S-RC-D
00860	00284	CUNEFMBB	035C011C.S-E0-A1
00860	00284	CUNRFMBB	035C011C.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00860	00285	CUNEFMBE	035C011D.S-E0-A1
00860	00285	CUNRFMBE	035C011D.S-RC-D
00860	00290	CUNEFMBH	035C0122.S-E0-A1
00860	00290	CUNRFMBH	035C0122.S-R2-D
00860	00297	CUNEFMBN	035C0129.S-E0-A1
00860	00297	CUNRFMBN	035C0129.S-RC-D
00860	00420	CUNEFMB1	035C01A4.S-E0-A1
00860	00420	CUNRFMB1	035C01A4.S-R2-D
00860	00423	CUNEFMB8	035C01A7.S-E0-A1
00860	00423	CUNRFMB8	035C01A7.S-R2-D
00860	00424	CUNEFMCA	035C01A8.S-E0-A1
00860	00424	CUNRFMCA	035C01A8.S-R2-D
00860	00437	CUNRFMCE	035C01B5.S-R2-D
00860	00500	CUNEFMCR	035C01F4.S-E0-A1
00860	00500	CUNRFMCR	035C01F4.S-RC-D
00860	00813	CUNRFMDF	035C032D.S-R2-D
00860	00819	CUNRFMDH	035C0333.S-RC-D
00860	00833	CUNEFMDI	035C0341.S-E0-A1
00860	00833	CUNRFMDI	035C0341.S-R2-D
00860	00838	CUNEFMD1	035C0346.S-E0-A1
00860	00838	CUNRFMD1	035C0346.S-R2-D
00860	00850	CUNRFMEB	035C0352.S-RC-D
00860	00852	CUNRFMEL	035C0354.S-R2-D
00860	00857	CUNRFMFC	035C0359.S-R2-D
00860	00858	CUNEFMFI	035C035A.S-E0-D
00860	00858	CUNRFMFI	035C035A.S-R2-D
00860	00861	CUNRFMFP	035C035D.S-R2-D
00860	00863	CUNRFMFV	035C035F.S-RC-D
00860	00865	CUNRFMGA	035C0361.S-R2-D
00860	00869	CUNRFMGP	035C0365.S-R2-D
00860	00870	CUNEFMGW	035C0366.S-E0-A1
00860	00870	CUNRFMGW	035C0366.S-R2-D
00860	00871	CUNEFMGY	035C0367.S-E0-A1
00860	00871	CUNRFMGY	035C0367.S-RC-D
00860	00874	CUNRFMG3	035C036A.S-R2-D
00860	00875	CUNEFMG8	035C036B.S-E0-A1
00860	00875	CUNRFMG8	035C036B.S-R2-D
00860	00880	CUNEFMHB	035C0370.S-E0-A1
00860	00880	CUNRFMHB	035C0370.S-R2-D
00860	00897	CUNRFMHK	035C0381.S-R2-D
00860	00903	CUNRFMHW	035C0387.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00860	00905	CUNEFMH0	035C0389.S-E0-A1
00860	00905	CUNRFMH0	035C0389.S-R2-D
00860	00912	CUNRFMH1	035C0390.S-R2-D
00860	00916	CUNRFMH6	035C0394.S-R2-D
00860	00920	CUNRFMIA	035C0398.S-R2-D
00860	00923	CUNEFMIF	035C039B.S-E0-D
00860	00923	CUNRFMIF	035C039B.S-R2-D
00860	00924	CUNEFMIG	035C039C.S-E0-D
00860	00924	CUNRFMIG	035C039C.S-R2-D
00860	01025	CUNEFMMG	035C0401.S-E0-A1
00860	01025	CUNRFMMG	035C0401.S-R2-D
00860	01026	CUNEFMMH	035C0402.S-E0-A1
00860	01026	CUNRFMMH	035C0402.S-R2-D
00860	01027	CUNEFMMI	035C0403.S-E0-A1
00860	01027	CUNRFMMI	035C0403.S-R2-D
00860	01041	CUNRFMMN	035C0411.S-R2-D
00860	01042	CUNRFMMR	035C0412.S-R2-D
00860	01043	CUNRFMMU	035C0413.S-R2-D
00860	01097	CUNEFMM7	035C0449.S-E0-A1
00860	01097	CUNRFMM7	035C0449.S-R2-D
00860	01140	CUNEFMN5	035C0474.S-E0-D
00860	01140	CUNRFMN5	035C0474.S-R2-D
00860	01145	CUNEFMOA	035C0479.S-E0-D
00860	01145	CUNRFMOA	035C0479.S-RC-D
00860	01146	CUNEFMOB	035C047A.S-E0-D
00860	01146	CUNRFMOB	035C047A.S-RC-D
00860	01148	CUNEFMOD	035C047C.S-E0-D
00860	01148	CUNRFMOD	035C047C.S-RC-D
00860	01252	CUNRFMPS	035C04E4.S-R2-D
00860	05348	CUNEFMPT	035C14E4.S-E0-D
00860	05348	CUNRFMPT	035C14E4.S-R2-D
00860	13488	CUNRFMPG	035C34B0.SU-R-D
00860	28709	CUNEFMAH	035C7025.S-EC-A1
00860	28709	CUNRFMAH	035C7025.S-R2-D
00861	00037	CUNEFPA	035D0025.S-E0-A1
00861	00037	CUNRFPA	035D0025.S-R2-D
00861	00256	CUNEFPAJ	035D0100.S-E0-A1
00861	00256	CUNRFPAJ	035D0100.S-R2-D
00861	00259	CUNEFPAP	035D0103.S-E0-D
00861	00273	CUNEFPAV	035D0111.S-E0-A1
00861	00273	CUNRFPAV	035D0111.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00861	00277	CUNEFPA2	035D0115.S-E0-A1
00861	00277	CUNRFPA2	035D0115.S-R2-D
00861	00278	CUNEFPA4	035D0116.S-E0-A1
00861	00278	CUNRFPA4	035D0116.S-R2-D
00861	00280	CUNEFPA6	035D0118.S-E0-A1
00861	00280	CUNRFPA6	035D0118.S-R2-D
00861	00284	CUNEFPBB	035D011C.S-E0-A1
00861	00284	CUNRFPBB	035D011C.S-RC-D
00861	00285	CUNEFPB	035D011D.S-E0-A1
00861	00285	CUNRFPB	035D011D.S-R2-D
00861	00290	CUNEFPBH	035D0122.S-E0-A1
00861	00290	CUNRFPBH	035D0122.S-R2-D
00861	00297	CUNEFPBN	035D0129.S-E0-A1
00861	00297	CUNRFPBN	035D0129.S-R2-D
00861	00420	CUNEFPB1	035D01A4.S-E0-A1
00861	00420	CUNRFPB1	035D01A4.S-R2-D
00861	00423	CUNEFPB8	035D01A7.S-E0-A1
00861	00423	CUNRFPB8	035D01A7.S-R2-D
00861	00424	CUNEFPCA	035D01A8.S-E0-A1
00861	00424	CUNRFPCA	035D01A8.S-R2-D
00861	00437	CUNEFPCE	035D01B5.S-R2-D
00861	00500	CUNEFPCR	035D01F4.S-E0-A1
00861	00500	CUNRFPCR	035D01F4.S-R2-D
00861	00813	CUNRFPDF	035D032D.S-R2-D
00861	00819	CUNRFPDH	035D0333.S-R2-D
00861	00833	CUNEFPDI	035D0341.S-E0-A1
00861	00833	CUNRFPDI	035D0341.S-R2-D
00861	00838	CUNEFPD1	035D0346.S-E0-A1
00861	00838	CUNRFPD1	035D0346.S-R2-D
00861	00850	CUNRFPEB	035D0352.S-R1-D
00861	00852	CUNRFPEL	035D0354.S-R2-D
00861	00857	CUNRFPC	035D0359.S-R2-D
00861	00858	CUNEFPFI	035D035A.S-E0-D
00861	00858	CUNRFPI	035D035A.S-R2-D
00861	00860	CUNRFPM	035D035C.S-R2-D
00861	00863	CUNRFPV	035D035F.S-R2-D
00861	00869	CUNRFPGP	035D0365.S-R2-D
00861	00870	CUNEFPGW	035D0366.S-E0-A1
00861	00870	CUNRFPGW	035D0366.S-R2-D
00861	00871	CUNEFPGY	035D0367.S-E0-A1
00861	00871	CUNRFPGY	035D0367.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00861	00874	CUNRFPG3	035D036A.S-R2-D
00861	00875	CUNEFPG8	035D036B.S-E0-A1
00861	00875	CUNRFPG8	035D036B.S-R2-D
00861	00880	CUNEFPHB	035D0370.S-E0-A1
00861	00880	CUNRFPHB	035D0370.S-R2-D
00861	00897	CUNRFPHK	035D0381.S-R2-D
00861	00903	CUNRFPHW	035D0387.S-R2-D
00861	00905	CUNEFPH0	035D0389.S-E0-A1
00861	00905	CUNRFPH0	035D0389.S-R2-D
00861	00912	CUNRFPH1	035D0390.S-R2-D
00861	00916	CUNRFPH6	035D0394.S-R2-D
00861	00920	CUNRFPIA	035D0398.S-R2-D
00861	00923	CUNEFPIF	035D039B.S-E0-D
00861	00923	CUNRFPIF	035D039B.S-R2-D
00861	00924	CUNEFPIG	035D039C.S-E0-D
00861	00924	CUNRFPIG	035D039C.S-R2-D
00861	01025	CUNEFPMG	035D0401.S-E0-A1
00861	01025	CUNRFPMG	035D0401.S-R2-D
00861	01026	CUNEFPMH	035D0402.S-E0-A1
00861	01026	CUNRFPMH	035D0402.S-R2-D
00861	01027	CUNEFPMI	035D0403.S-E0-A1
00861	01027	CUNRFPMI	035D0403.S-R2-D
00861	01041	CUNRFPMN	035D0411.S-R2-D
00861	01042	CUNRFPMR	035D0412.S-R2-D
00861	01043	CUNRFPMU	035D0413.S-R2-D
00861	01097	CUNEFPM7	035D0449.S-E0-A1
00861	01097	CUNRFPM7	035D0449.S-R2-D
00861	01148	CUNEFPOD	035D047C.S-E0-D
00861	01148	CUNRFPOD	035D047C.S-R2-D
00861	01149	CUNEFPOE	035D047D.S-E0-D
00861	01149	CUNRFPOE	035D047D.S-R2-D
00861	01252	CUNRFPPS	035D04E4.S-R2-D
00861	05348	CUNEFPPT	035D14E4.S-E0-D
00861	05348	CUNRFPPT	035D14E4.S-R2-D
00861	13488	CUNLFPPG	035D34B0.SU-R-D
00861	13488	CUNRFPPG	035D34B0.SU-R-D
00861	28709	CUNEFPAH	035D7025.S-EC-A1
00861	28709	CUNRFPAH	035D7025.S-R2-D
00862	00037	CUNEFSA	035E0025.S-E0-A1
00862	00037	CUNRFSA	035E0025.S-R2-D
00862	00256	CUNEFSAJ	035E0100.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00862	00256	CUNRFSAJ	035E0100.S-R2-D
00862	00259	CUNEFSAP	035E0103.S-E0-D
00862	00273	CUNEFSAV	035E0111.S-E0-A1
00862	00273	CUNRFSAV	035E0111.S-R2-D
00862	00277	CUNEFSA2	035E0115.S-E0-A1
00862	00277	CUNRFSA2	035E0115.S-R2-D
00862	00278	CUNEFSA4	035E0116.S-E0-A1
00862	00278	CUNRFSA4	035E0116.S-R2-D
00862	00280	CUNEFSA6	035E0118.S-E0-A1
00862	00280	CUNRFSA6	035E0118.S-R2-D
00862	00284	CUNEFSBB	035E011C.S-E0-A1
00862	00284	CUNRFSBB	035E011C.S-R2-D
00862	00285	CUNEFSBE	035E011D.S-E0-A1
00862	00285	CUNRFSBE	035E011D.S-R2-D
00862	00290	CUNEFSBH	035E0122.S-E0-A1
00862	00290	CUNRFSBH	035E0122.S-R2-D
00862	00297	CUNEFSBN	035E0129.S-E0-A1
00862	00297	CUNRFSBN	035E0129.S-R2-D
00862	00420	CUNEFSB1	035E01A4.S-E0-A1
00862	00420	CUNRFSB1	035E01A4.S-R2-D
00862	00423	CUNEFSB8	035E01A7.S-E0-A1
00862	00423	CUNRFSB8	035E01A7.S-R2-D
00862	00424	CUNEFSCA	035E01A8.S-E0-A2
00862	00424	CUNRFSCA	035E01A8.S-RC-D
00862	00437	CUNRFSCCE	035E01B5.S-R2-D
00862	00500	CUNEFSSCR	035E01F4.S-E0-D
00862	00500	CUNRFSSCR	035E01F4.S-R2-A1
00862	00803	CUNEFSDA	035E0323.S-E0-D
00862	00803	CUNRFSDA	035E0323.S-RC-D
00862	00833	CUNEFSDI	035E0341.S-E0-A1
00862	00833	CUNRFSDI	035E0341.S-R2-D
00862	00838	CUNEFSID1	035E0346.S-E0-A1
00862	00838	CUNRFSD1	035E0346.S-R2-D
00862	00850	CUNRFSEB	035E0352.S-RC-D
00862	00856	CUNRFSE4	035E0358.S-RC-D
00862	00870	CUNEFSGW	035E0366.S-E0-A1
00862	00870	CUNRFSGW	035E0366.S-R2-D
00862	00871	CUNEFSGY	035E0367.S-E0-A1
00862	00871	CUNRFSGY	035E0367.S-R2-D
00862	00875	CUNEFSG8	035E036B.S-E0-A1
00862	00875	CUNRFSG8	035E036B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00862	00880	CUNEFSHB	035E0370.S-E0-A1
00862	00880	CUNRFSHB	035E0370.S-R2-D
00862	00905	CUNEFSH0	035E0389.S-E0-A1
00862	00905	CUNRFSH0	035E0389.S-R2-D
00862	00916	CUNEFSH6	035E0394.S-E0-D
00862	00916	CUNRFSH6	035E0394.S-RC-D
00862	01025	CUNEFMSG	035E0401.S-E0-A1
00862	01025	CUNRFSMG	035E0401.S-R2-D
00862	01026	CUNEFSMH	035E0402.S-E0-A1
00862	01026	CUNRFSMH	035E0402.S-R2-D
00862	01027	CUNEFMSI	035E0403.S-E0-A1
00862	01027	CUNRFSMI	035E0403.S-R2-D
00862	01097	CUNEFM7	035E0449.S-E0-A1
00862	01097	CUNRFSM7	035E0449.S-R2-D
00862	01252	CUNRFSPS	035E04E4.S-R2-D
00862	01255	CUNEFSPY	035E04E7.S-E0-A1
00862	01255	CUNRFSPY	035E04E7.S-R2-D
00862	05351	CUNEFSPZ	035E14E7.S-E0-D
00862	05351	CUNRFSPZ	035E14E7.S-R2-D
00862	12712	CUNEFSCD	035E31A8.S-E0-D
00862	12712	CUNRFSCD	035E31A8.S-R2-D
00862	13488	CUNLFSPG	035E34B0.SU-R-D
00862	13488	CUNRFSPG	035E34B0.SU-R-D
00862	28709	CUNEFSAH	035E7025.S-EC-A1
00862	28709	CUNRFSAH	035E7025.S-R2-D
00863	00037	CUNEFVAA	035F0025.S-E0-A1
00863	00037	CUNRFVAA	035F0025.S-RC-D
00863	00256	CUNEFVAJ	035F0100.S-E0-A1
00863	00256	CUNRFVAJ	035F0100.S-R2-D
00863	00259	CUNEFVAP	035F0103.S-E0-D
00863	00273	CUNEFVAV	035F0111.S-E0-A1
00863	00273	CUNRFVAV	035F0111.S-RC-D
00863	00277	CUNEFVA2	035F0115.S-E0-A1
00863	00277	CUNRFVA2	035F0115.S-RC-D
00863	00278	CUNEFVA4	035F0116.S-E0-A1
00863	00278	CUNRFVA4	035F0116.S-RC-D
00863	00280	CUNEFVA6	035F0118.S-E0-A1
00863	00280	CUNRFVA6	035F0118.S-RC-D
00863	00284	CUNEFVBB	035F011C.S-E0-A1
00863	00284	CUNRFVBB	035F011C.S-RC-D
00863	00285	CUNEFVBE	035F011D.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00863	00285	CUNRFVBE	035F011D.S-RC-D
00863	00290	CUNEFVBH	035F0122.S-E0-A1
00863	00290	CUNRFVBH	035F0122.S-R2-D
00863	00297	CUNEFVBN	035F0129.S-E0-A1
00863	00297	CUNRFVBN	035F0129.S-RC-D
00863	00420	CUNEFVB1	035F01A4.S-E0-A1
00863	00420	CUNRFVB1	035F01A4.S-R2-D
00863	00423	CUNEFVB8	035F01A7.S-E0-A1
00863	00423	CUNRFVB8	035F01A7.S-R2-D
00863	00424	CUNEFVCA	035F01A8.S-E0-A1
00863	00424	CUNRFVCA	035F01A8.S-R2-D
00863	00437	CUNRFVCE	035F01B5.S-RC-D
00863	00500	CUNEFVCR	035F01F4.S-E0-A1
00863	00500	CUNRFVCR	035F01F4.S-RC-D
00863	00813	CUNRFVDF	035F032D.S-R2-D
00863	00819	CUNRFVDH	035F0333.S-RC-D
00863	00833	CUNEFVDI	035F0341.S-E0-A1
00863	00833	CUNRFVDI	035F0341.S-R2-D
00863	00838	CUNEFVD1	035F0346.S-E0-A1
00863	00838	CUNRFVD1	035F0346.S-R2-D
00863	00850	CUNRFVEB	035F0352.S-RC-D
00863	00852	CUNRFVEL	035F0354.S-R2-D
00863	00857	CUNRFVFC	035F0359.S-R2-D
00863	00860	CUNRFVFM	035F035C.S-RC-D
00863	00861	CUNRFVFP	035F035D.S-R2-D
00863	00865	CUNRFVGA	035F0361.S-RC-D
00863	00869	CUNRFVGP	035F0365.S-R2-D
00863	00870	CUNEFVGW	035F0366.S-E0-A1
00863	00870	CUNRFVGW	035F0366.S-R2-D
00863	00871	CUNEFVGY	035F0367.S-E0-A1
00863	00871	CUNRFVGY	035F0367.S-RC-D
00863	00874	CUNRFVG3	035F036A.S-R2-D
00863	00875	CUNEFVG8	035F036B.S-E0-A1
00863	00875	CUNRFVG8	035F036B.S-R2-D
00863	00880	CUNEFVHB	035F0370.S-E0-A1
00863	00880	CUNRFVHB	035F0370.S-R2-D
00863	00897	CUNRFVHK	035F0381.S-R2-D
00863	00903	CUNRFVHW	035F0387.S-R2-D
00863	00905	CUNEFVH0	035F0389.S-E0-A1
00863	00905	CUNRFVH0	035F0389.S-R2-D
00863	00912	CUNRFVH1	035F0390.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00863	00916	CUNRFVH6	035F0394.S-R2-D
00863	00920	CUNRFVIA	035F0398.S-R2-D
00863	01025	CUNEFVMG	035F0401.S-E0-A1
00863	01025	CUNRFVMG	035F0401.S-R2-D
00863	01026	CUNEFVMH	035F0402.S-E0-A1
00863	01026	CUNRFVMH	035F0402.S-R2-D
00863	01027	CUNEFVMI	035F0403.S-E0-A1
00863	01027	CUNRFVMI	035F0403.S-R2-D
00863	01041	CUNRFVMN	035F0411.S-R2-D
00863	01042	CUNRFVMR	035F0412.S-R2-D
00863	01043	CUNRFVMU	035F0413.S-R2-D
00863	01051	CUNRFVM2	035F041B.S-R2-D
00863	01097	CUNEFVM7	035F0449.S-E0-A1
00863	01097	CUNRFVM7	035F0449.S-R2-D
00863	01140	CUNEFVN5	035F0474.S-E0-D
00863	01140	CUNRFVN5	035F0474.S-RC-D
00863	01141	CUNEFVN6	035F0475.S-E0-D
00863	01141	CUNRFVN6	035F0475.S-RC-D
00863	01142	CUNEFVN7	035F0476.S-E0-D
00863	01142	CUNRFVN7	035F0476.S-RC-D
00863	01143	CUNEFVN8	035F0477.S-E0-D
00863	01143	CUNRFVN8	035F0477.S-RC-D
00863	01144	CUNEFVN9	035F0478.S-E0-D
00863	01144	CUNRFVN9	035F0478.S-RC-D
00863	01145	CUNEFVOA	035F0479.S-E0-D
00863	01145	CUNRFVOA	035F0479.S-RC-D
00863	01146	CUNEFVOB	035F047A.S-E0-D
00863	01146	CUNRFVOB	035F047A.S-RC-D
00863	01147	CUNEFVOC	035F047B.S-E0-D
00863	01147	CUNRFVOC	035F047B.S-RC-D
00863	01148	CUNEFVOD	035F047C.S-E0-D
00863	01148	CUNRFVOD	035F047C.S-RC-D
00863	01149	CUNEFVOE	035F047D.S-E0-D
00863	01149	CUNRFVOE	035F047D.S-RC-D
00863	01252	CUNRFVPS	035F04E4.S-R2-D
00863	01275	CUNRFVP6	035F04FB.S-R2-D
00863	05348	CUNEFVPT	035F14E4.S-E0-D
00863	05348	CUNRFVPT	035F14E4.S-R2-D
00863	13488	CUNRFVPG	035F34B0.SU-R-D
00863	28709	CUNEFVAH	035F7025.S-EC-A1
00863	28709	CUNRFVAH	035F7025.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00864	00037	CUNEFYAA	03600025.S-E0-A1
00864	00037	CUNRFYAA	03600025.S-R2-D
00864	00256	CUNEFYAJ	03600100.S-E0-A1
00864	00256	CUNRFYAJ	03600100.S-R2-D
00864	00259	CUNEFYAP	03600103.S-E0-D
00864	00273	CUNEFYAV	03600111.S-E0-A1
00864	00273	CUNRFYAV	03600111.S-R2-D
00864	00277	CUNEFYA2	03600115.S-E0-A1
00864	00277	CUNRFYA2	03600115.S-R2-D
00864	00278	CUNEFYA4	03600116.S-E0-A1
00864	00278	CUNRFYA4	03600116.S-R2-D
00864	00280	CUNEFYA6	03600118.S-E0-A1
00864	00280	CUNRFYA6	03600118.S-R2-D
00864	00284	CUNEFYBB	0360011C.S-E0-A1
00864	00284	CUNRFYBB	0360011C.S-R2-D
00864	00285	CUNEFYBE	0360011D.S-E0-A1
00864	00285	CUNRFYBE	0360011D.S-R2-D
00864	00290	CUNEFYBH	03600122.S-E0-A1
00864	00290	CUNRFYBH	03600122.S-R2-D
00864	00297	CUNEFYBN	03600129.S-E0-A1
00864	00297	CUNRFYBN	03600129.S-R2-D
00864	00420	CUNEFYB1	036001A4.S-E0-A2
00864	00420	CUNRFYB1	036001A4.S-RC-A1
00864	00423	CUNEFYB8	036001A7.S-E0-A1
00864	00423	CUNRFYB8	036001A7.S-R2-D
00864	00424	CUNEFYCA	036001A8.S-E0-A1
00864	00424	CUNRFYCA	036001A8.S-R2-D
00864	00425	CUNCFYSR	036001A9.S-C0-D
00864	00500	CUNEFYCR	036001F4.S-E0-D
00864	00500	CUNRFYCR	036001F4.S-R2-A1
00864	00720	CUNCFYC5	036002D0.S-C0-D
00864	00819	CUNRFYDH	03600333.S-R2-D
00864	00833	CUNEFYDI	03600341.S-E0-A1
00864	00833	CUNRFYDI	03600341.S-R2-D
00864	00838	CUNEFYD1	03600346.S-E0-A1
00864	00838	CUNRFYD1	03600346.S-R2-D
00864	00850	CUNRFYEB	03600352.S-RC-D
00864	00870	CUNEFYGW	03600366.S-E0-A1
00864	00870	CUNRFYGW	03600366.S-R2-D
00864	00871	CUNEFYGY	03600367.S-E0-A1
00864	00871	CUNRFYGY	03600367.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00864	00875	CUNEFYHG	0360036B.S-E0-A1
00864	00875	CUNRFYHG	0360036B.S-R2-D
00864	00880	CUNEFYHB	03600370.S-E0-A1
00864	00880	CUNRFYHB	03600370.S-R2-D
00864	00905	CUNEFYH0	03600389.S-E0-A1
00864	00905	CUNRFYH0	03600389.S-R2-D
00864	00918	CUNRFYH8	03600396.S-RC-D
00864	01008	CUNRFYL0	036003F0.S-RC-D
00864	01025	CUNEFYMG	03600401.S-E0-A1
00864	01025	CUNRFYMG	03600401.S-R2-D
00864	01026	CUNEFYMH	03600402.S-E0-A1
00864	01026	CUNRFYMH	03600402.S-R2-D
00864	01027	CUNEFYMI	03600403.S-E0-A1
00864	01027	CUNRFYMI	03600403.S-R2-D
00864	01046	CUNCFYMX	03600416.S-C0-D
00864	01089	CUNCFYM6	03600441.S-C0-D
00864	01089	CUNEFYM6	03600441.S-E0-A1
00864	01097	CUNEFYM7	03600449.S-E0-A1
00864	01097	CUNRFYM7	03600449.S-R2-D
00864	01127	CUNRFYNW	03600467.S-R2-D
00864	01252	CUNRFYPS	036004E4.S-R2-D
00864	01256	CUNEFYP0	036004E8.S-EC-D
00864	05352	CUNEFYP1	036014E8.S-EC-D
00864	13488	CUNCFYPG	036034B0.SU-C0-D
00864	13488	CUNLFYPG	036034B0.SU-R-D
00864	13488	CUNRFYPG	036034B0.SU-R-D
00864	28709	CUNEFYAH	03607025.S-EC-A1
00864	28709	CUNRFYAH	03607025.S-R2-D
00865	00037	CUNEGAAA	03610025.S-E0-A1
00865	00037	CUNRGAAA	03610025.S-RC-D
00865	00256	CUNEGAAJ	03610100.S-E0-A1
00865	00256	CUNRGAAJ	03610100.S-R2-D
00865	00259	CUNEGAAP	03610103.S-E0-D
00865	00273	CUNEGAAV	03610111.S-E0-A1
00865	00273	CUNRGAAV	03610111.S-RC-D
00865	00277	CUNEGA2	03610115.S-E0-A1
00865	00277	CUNRGAA2	03610115.S-RC-D
00865	00278	CUNEGA4	03610116.S-E0-A1
00865	00278	CUNRGAA4	03610116.S-RC-D
00865	00280	CUNEGA6	03610118.S-E0-A1
00865	00280	CUNRGAA6	03610118.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00865	00284	CUNEGABB	0361011C.S-E0-A1
00865	00284	CUNRGABB	0361011C.S-RC-D
00865	00285	CUNEGABE	0361011D.S-E0-A1
00865	00285	CUNRGABE	0361011D.S-RC-D
00865	00290	CUNEGABH	03610122.S-E0-A1
00865	00290	CUNRGABH	03610122.S-R2-D
00865	00297	CUNEGABN	03610129.S-E0-A1
00865	00297	CUNRGABN	03610129.S-RC-D
00865	00420	CUNEGAB1	036101A4.S-E0-A1
00865	00420	CUNRGAB1	036101A4.S-R2-D
00865	00423	CUNEGAB8	036101A7.S-E0-A1
00865	00423	CUNRGAB8	036101A7.S-R2-D
00865	00424	CUNEGACA	036101A8.S-E0-A1
00865	00424	CUNRGACA	036101A8.S-R2-D
00865	00437	CUNRGACE	036101B5.S-R2-D
00865	00500	CUNEGACR	036101F4.S-E0-A1
00865	00500	CUNRGACR	036101F4.S-RC-D
00865	00819	CUNRGADH	03610333.S-RC-D
00865	00833	CUNEGADI	03610341.S-E0-A1
00865	00833	CUNRGADI	03610341.S-R2-D
00865	00838	CUNEGAD1	03610346.S-E0-A1
00865	00838	CUNRGAD1	03610346.S-R2-D
00865	00850	CUNRGAEB	03610352.S-RC-D
00865	00858	CUNEGAFI	0361035A.S-E0-D
00865	00858	CUNRGAFI	0361035A.S-R2-D
00865	00860	CUNRGAFM	0361035C.S-R2-D
00865	00863	CUNRGAFV	0361035F.S-RC-D
00865	00870	CUNEGAGW	03610366.S-E0-A1
00865	00870	CUNRGAGW	03610366.S-R2-D
00865	00871	CUNEGAGY	03610367.S-E0-A1
00865	00871	CUNRGAGY	03610367.S-RC-D
00865	00875	CUNEGAG8	0361036B.S-E0-A1
00865	00875	CUNRGAG8	0361036B.S-R2-D
00865	00880	CUNEGAHB	03610370.S-E0-A1
00865	00880	CUNRGAHB	03610370.S-R2-D
00865	00905	CUNEGAHO	03610389.S-E0-A1
00865	00905	CUNRGAH0	03610389.S-R2-D
00865	00923	CUNEGAIF	0361039B.S-E0-D
00865	00923	CUNRGAIFF	0361039B.S-R2-D
00865	00924	CUNEGAIG	0361039C.S-E0-D
00865	00924	CUNRGAIFF	0361039C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00865	01025	CUNEGAMG	03610401.S-E0-A1
00865	01025	CUNRGAMG	03610401.S-R2-D
00865	01026	CUNEGAMH	03610402.S-E0-A1
00865	01026	CUNRGAMH	03610402.S-R2-D
00865	01027	CUNEGAMI	03610403.S-E0-A1
00865	01027	CUNRGAMI	03610403.S-R2-D
00865	01097	CUNEGAM7	03610449.S-E0-A1
00865	01097	CUNRGAM7	03610449.S-R2-D
00865	01142	CUNEGAN7	03610476.S-E0-D
00865	01142	CUNRGAN7	03610476.S-R2-D
00865	01143	CUNEGAN8	03610477.S-E0-D
00865	01143	CUNRGAN8	03610477.S-R2-D
00865	01148	CUNEGAOD	0361047C.S-E0-D
00865	01148	CUNRGAOD	0361047C.S-R2-D
00865	01252	CUNRGAPS	036104E4.S-R2-D
00865	05348	CUNEGAPT	036114E4.S-E0-D
00865	05348	CUNRGAPT	036114E4.S-R2-D
00865	13488	CUNRGAPG	036134B0.SU-R-D
00865	28709	CUNEGAAH	03617025.S-EC-A1
00865	28709	CUNRGAAH	03617025.S-R2-D
00866	00037	CUNRGDAA	03620025.S-R2-D
00866	00256	CUNCGDAJ	03620100.S-C0-D
00866	00256	CUNEGDAJ	03620100.S-EC-A1
00866	00437	CUNRGDCE	036201B5.S-R2-D
00866	00500	CUNEGDCR	036201F4.S-EC-D
00866	00819	CUNRGDDH	03620333.S-R2-D
00866	00850	CUNRGDEB	03620352.S-RC-D
00866	00855	CUNEGDEX	03620357.S-EC-D
00866	00870	CUNRGDGW	03620366.S-R2-D
00866	00878	CUNRGDHA	0362036E.S-R2-D
00866	00880	CUNEGDHB	03620370.S-EC-D
00866	00915	CUNEGDH4	03620393.S-EC-D
00866	01025	CUNEGDMG	03620401.S-EC-A1
00866	01025	CUNRGDMG	03620401.S-RC-D
00866	01251	CUNRGDPQ	036204E3.S-R2-D
00866	01252	CUNRGDPS	036204E4.S-R2-D
00866	01283	CUNRGDQD	03620503.S-R2-D
00866	05347	CUNEGDPR	036214E3.S-E0-D
00866	05347	CUNRGDPR	036214E3.S-R2-D
00866	13488	CUNLGDPG	036234B0.SU-R-D
00866	13488	CUNRGDPG	036234B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00867	00259	CUNEGFAP	03630103.S-E0-D
00867	01153	CUNEGFOF	03630481.S-E0-D
00867	01153	CUNRGFOF	03630481.S-R2-D
00867	01154	CUNEGFOG	03630482.S-E0-D
00867	01154	CUNRGFOG	03630482.S-R2-D
00867	01155	CUNEGFOH	03630483.S-E0-D
00867	01155	CUNRGFOH	03630483.S-R2-D
00867	01160	CUNEGFOM	03630488.S-E0-D
00867	01160	CUNRGFOM	03630488.S-R2-D
00867	04899	CUNEGFDB	03631323.S-E0-D
00867	04899	CUNRGFDB	03631323.S-R2-D
00867	04971	CUNEGFG9	0363136B.S-E0-D
00867	04971	CUNRGFG9	0363136B.S-R2-D
00867	05012	CUNEGFH7	03631394.S-E0-D
00867	05012	CUNRGFH7	03631394.S-R2-D
00867	05351	CUNEGFPZ	036314E7.S-E0-D
00867	05351	CUNRGFPZ	036314E7.S-R2-D
00867	09048	CUNEGFE6	03632358.S-E0-D
00867	09048	CUNRGFE6	03632358.S-R2-D
00867	12712	CUNEGFCD	036331A8.S-E0-D
00867	12712	CUNRGFCD	036331A8.S-R2-D
00867	16804	CUNEGFB5	036341A4.S-E0-D
00867	16804	CUNRGFB5	036341A4.S-R2-D
00867	17584	CUNRGFPH	036344B0.SU-R-D
00868	00918	CUNRGHH8	03640396.S-R2-D
00868	01006	CUNRGHLZ	036403EE.S-R2-D
00868	13488	CUNEGHPG	036434B0.SU-E-A1
00868	13488	CUNRGHPG	036434B0.SU-R-D
00869	00037	CUNRGPA	03650025.S-R2-D
00869	00256	CUNRGPAJ	03650100.S-R1-D
00869	00259	CUNEGPAP	03650103.S-E0-D
00869	00273	CUNRGPAV	03650111.S-R2-D
00869	00277	CUNRGPA2	03650115.S-R2-D
00869	00278	CUNRGPA4	03650116.S-R2-D
00869	00280	CUNRGPA6	03650118.S-R2-D
00869	00284	CUNRGPB	0365011C.S-RC-D
00869	00285	CUNRGPB	0365011D.S-R2-D
00869	00297	CUNRGPN	03650129.S-R2-D
00869	00423	CUNRGPB8	036501A7.S-RC-A1
00869	00437	CUNRGPC	036501B5.S-R2-D
00869	00500	CUNEGPCR	036501F4.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00869	00500	CUNRGPCR	036501F4.S-R2-A2
00869	00737	CUNEGPC6	036502E1.S-E0-D
00869	00737	CUNRGPC6	036502E1.S-R2-D
00869	00813	CUNEGPDF	0365032D.S-E0-A1
00869	00813	CUNRGPDF	0365032D.S-R2-D
00869	00819	CUNRGPDH	03650333.S-R2-D
00869	00838	CUNRGPD1	03650346.S-R2-D
00869	00850	CUNRGPEB	03650352.S-RC-D
00869	00852	CUNRGPEL	03650354.S-R2-D
00869	00857	CUNRGPF	03650359.S-R2-D
00869	00860	CUNRGPFM	0365035C.S-R2-D
00869	00861	CUNRGPPF	0365035D.S-R2-D
00869	00863	CUNRGPFV	0365035F.S-R2-D
00869	00870	CUNRGPGW	03650366.S-R2-D
00869	00871	CUNRGPGY	03650367.S-RC-D
00869	00874	CUNRGPG3	0365036A.S-R2-D
00869	00875	CUNEGPG8	0365036B.S-E0-A2
00869	00875	CUNRGPG8	0365036B.S-RC-A1
00869	00880	CUNRGPHB	03650370.S-R2-D
00869	00897	CUNRGPHK	03650381.S-R2-D
00869	00903	CUNRGPHW	03650387.S-R2-D
00869	00912	CUNRGPH1	03650390.S-R2-D
00869	00916	CUNRGPH6	03650394.S-R2-D
00869	00920	CUNRGPIA	03650398.S-R2-D
00869	01025	CUNRGPMG	03650401.S-R2-D
00869	01026	CUNRGPMH	03650402.S-R2-D
00869	01027	CUNRGPMI	03650403.S-R2-D
00869	01041	CUNRGPMN	03650411.S-R2-D
00869	01042	CUNRGPMR	03650412.S-R2-D
00869	01043	CUNRGPMU	03650413.S-R2-D
00869	01252	CUNRGPPS	036504E4.S-R2-D
00869	01253	CUNRGPPU	036504E5.S-R2-D
00869	01254	CUNRGPPW	036504E6.S-R2-D
00869	01280	CUNRGPQA	03650500.S-R2-D
00869	01287	CUNEGPSX	03650507.S-E0-D
00869	01287	CUNRGPSX	03650507.S-R2-D
00869	05349	CUNEGPPV	036514E5.S-E0-D
00869	05349	CUNRGPPV	036514E5.S-R2-D
00869	13488	CUNLGPPG	036534B0.SU-R-D
00869	13488	CUNRGPPG	036534B0.SU-R-D
00870	00037	CUNEGWAA	03660025.S-E0-A2

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00870	00037	CUNRGWAA	03660025.S-RC-D
00870	00256	CUNEGWAJ	03660100.S-E0-A1
00870	00256	CUNRGWAJ	03660100.S-RC-D
00870	00273	CUNRGWAV	03660111.S-R2-D
00870	00277	CUNRGWA2	03660115.S-R2-D
00870	00278	CUNRGWA4	03660116.S-R2-D
00870	00280	CUNRGWA6	03660118.S-R2-D
00870	00284	CUNRGWB8	0366011C.S-R2-D
00870	00285	CUNRGWBE	0366011D.S-R2-D
00870	00290	CUNEGWBH	03660122.S-E0-D
00870	00290	CUNRGWBH	03660122.S-R2-A1
00870	00297	CUNRGWBN	03660129.S-R2-D
00870	00423	CUNRGWB8	036601A7.S-R2-D
00870	00437	CUNEGWCE	036601B5.S-E0-A1
00870	00437	CUNRGWCE	036601B5.S-RC-D
00870	00500	CUNEGWCR	036601F4.S-E0-A2
00870	00500	CUNRGWCR	036601F4.S-RC-D
00870	00737	CUNRGWC6	036602E1.S-R2-D
00870	00775	CUNEGWC8	03660307.S-E0-A1
00870	00775	CUNRGWC8	03660307.S-R2-D
00870	00813	CUNRGWDF	0366032D.S-R2-D
00870	00819	CUNRGWDH	03660333.S-R2-D
00870	00833	CUNEGWDI	03660341.S-E0-D
00870	00833	CUNRGWDI	03660341.S-R2-A1
00870	00836	CUNRGWDU	03660344.S-R2-D
00870	00838	CUNRGWD1	03660346.S-R2-D
00870	00850	CUNEGWEB	03660352.S-E0-D
00870	00850	CUNRGWEB	03660352.S-RC-D
00870	00852	CUNEGWEL	03660354.S-E0-A1
00870	00852	CUNRGWEL	03660354.S-RC-D
00870	00855	CUNRGWEX	03660357.S-RC-D
00870	00857	CUNEGWFC	03660359.S-E0-A1
00870	00857	CUNRGWFC	03660359.S-R2-D
00870	00860	CUNEGWFM	0366035C.S-E0-A1
00870	00860	CUNRGWFM	0366035C.S-R2-D
00870	00861	CUNEGWFP	0366035D.S-E0-A1
00870	00861	CUNRGWFP	0366035D.S-R2-D
00870	00862	CUNEGWFS	0366035E.S-E0-A1
00870	00862	CUNRGWFS	0366035E.S-R2-D
00870	00863	CUNEGWFV	0366035F.S-E0-A1
00870	00863	CUNRGWFV	0366035F.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00870	00864	CUNEGWFY	03660360.S-E0-A1
00870	00864	CUNRGWFY	03660360.S-R2-D
00870	00865	CUNEGWGA	03660361.S-E0-A1
00870	00865	CUNRGWGA	03660361.S-R2-D
00870	00866	CUNRGWGD	03660362.S-R2-D
00870	00869	CUNRGWGP	03660365.S-R2-D
00870	00871	CUNRGWGY	03660367.S-R2-D
00870	00874	CUNRGWG3	0366036A.S-R2-D
00870	00875	CUNRGWG8	0366036B.S-R2-D
00870	00880	CUNRGWHB	03660370.S-RC-D
00870	00897	CUNRGWHK	03660381.S-R2-D
00870	00903	CUNRGWHW	03660387.S-R2-D
00870	00912	CUNRGWH1	03660390.S-R2-D
00870	00915	CUNRGWH4	03660393.S-RC-D
00870	00916	CUNRGWH6	03660394.S-R2-D
00870	00920	CUNRGWIA	03660398.S-R2-D
00870	01009	CUNEGWL2	036603F1.S-E0-D
00870	01025	CUNRGWMG	03660401.S-RC-D
00870	01026	CUNRGWMH	03660402.S-R2-D
00870	01027	CUNEGWMI	03660403.S-E0-D
00870	01027	CUNRGWMI	03660403.S-R2-A1
00870	01040	CUNEGWMK	03660410.S-E0-D
00870	01040	CUNRGWMK	03660410.S-R2-A1
00870	01041	CUNEGWMN	03660411.S-E0-D
00870	01041	CUNRGWMN	03660411.S-R2-A1
00870	01042	CUNRGWMR	03660412.S-R2-D
00870	01043	CUNEGWMU	03660413.S-E0-D
00870	01043	CUNRGWMU	03660413.S-R2-A1
00870	01047	CUNRGWM0	03660417.S-R2-D
00870	01051	CUNEGWM2	0366041B.S-E0-D
00870	01088	CUNRGWM3	03660440.S-RC-D
00870	01112	CUNRGWNH	03660458.S-R2-D
00870	01122	CUNRGWNP	03660462.S-R2-D
00870	01250	CUNEGWPO	036604E2.S-E0-A1
00870	01250	CUNRGWPO	036604E2.S-R2-D
00870	01252	CUNRGWPS	036604E4.S-R2-D
00870	01282	CUNRGWQC	03660502.S-R2-D
00870	05346	CUNEGWPP	036614E2.S-E0-D
00870	05346	CUNRGWPP	036614E2.S-R2-D
00870	13488	CUNLGWPG	036634B0.SU-R-D
00870	13488	CUNRGWPG	036634B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00871	00037	CUNEGYAA	03670025.S-E0-A1
00871	00037	CUNRGYAA	03670025.S-R2-D
00871	00256	CUNRGYAJ	03670100.S-R2-D
00871	00273	CUNRGYAV	03670111.S-R2-D
00871	00277	CUNRGYA2	03670115.S-R2-D
00871	00278	CUNRGYA4	03670116.S-R2-D
00871	00280	CUNRGYA6	03670118.S-R2-D
00871	00284	CUNRGYBB	0367011C.S-R2-D
00871	00285	CUNRGYBE	0367011D.S-R2-D
00871	00290	CUNEGYBH	03670122.S-E0-D
00871	00290	CUNRGYBH	03670122.S-R2-A1
00871	00297	CUNRGYBN	03670129.S-R2-D
00871	00367	CUNEGYB0	0367016F.S-E0-D
00871	00423	CUNRGYB8	036701A7.S-R2-D
00871	00437	CUNEGYCE	036701B5.S-E0-A1
00871	00437	CUNRGYCE	036701B5.S-RC-D
00871	00500	CUNEGYCR	036701F4.S-E0-A1
00871	00500	CUNLGYCR	036701F4.S-E0-A1
00871	00500	CUNRGYCR	036701F4.S-R2-D
00871	00737	CUNRGYC6	036702E1.S-R2-D
00871	00775	CUNRGYC8	03670307.S-R2-D
00871	00813	CUNRGYDF	0367032D.S-R2-D
00871	00819	CUNLGYDH	03670333.S-R2-D
00871	00819	CUNRGYDH	03670333.S-R2-D
00871	00833	CUNEGYDI	03670341.S-E0-D
00871	00833	CUNRGYDI	03670341.S-R2-A1
00871	00836	CUNEGYDU	03670344.S-E0-D
00871	00836	CUNRGYDU	03670344.S-R2-A1
00871	00838	CUNEGYD1	03670346.S-E0-D
00871	00850	CUNCGYEB	03670352.S-C0-A2
00871	00850	CUNLGYEB	03670352.S-C0-A2
00871	00850	CUNEGYEB	03670352.S-E0-A1
00871	00850	CUNRGYEB	03670352.S-R2-D
00871	00852	CUNEGYEL	03670354.S-E0-A1
00871	00852	CUNRGYEL	03670354.S-RC-D
00871	00855	CUNRGYEX	03670357.S-RC-D
00871	00857	CUNEGYFC	03670359.S-E0-A1
00871	00857	CUNRGYFC	03670359.S-R2-D
00871	00858	CUNEGYFI	0367035A.S-E0-D
00871	00858	CUNRGYFI	0367035A.S-R2-D
00871	00860	CUNEGYFM	0367035C.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00871	00860	CUNRGYFM	0367035C.S-RC-D
00871	00861	CUNEGYFP	0367035D.S-E0-A1
00871	00861	CUNRGYFP	0367035D.S-RC-D
00871	00862	CUNEGYFS	0367035E.S-E0-A1
00871	00862	CUNRGYFS	0367035E.S-R2-D
00871	00863	CUNEGYFV	0367035F.S-E0-A1
00871	00863	CUNRGYFV	0367035F.S-RC-D
00871	00864	CUNEGYFY	03670360.S-E0-A1
00871	00864	CUNRGYFY	03670360.S-R2-D
00871	00865	CUNEGYGA	03670361.S-E0-A1
00871	00865	CUNRGYGA	03670361.S-RC-D
00871	00869	CUNRGYGP	03670365.S-RC-D
00871	00870	CUNRGYGW	03670366.S-R2-D
00871	00874	CUNRGYG3	0367036A.S-R2-D
00871	00875	CUNRGYG8	0367036B.S-R2-D
00871	00880	CUNRGYHB	03670370.S-R2-D
00871	00897	CUNRGYHK	03670381.S-R2-D
00871	00903	CUNRGYHW	03670387.S-R2-D
00871	00912	CUNRGYH1	03670390.S-R2-D
00871	00916	CUNRGYH6	03670394.S-R2-D
00871	00920	CUNRGYIA	03670398.S-R2-D
00871	00923	CUNEGYIF	0367039B.S-E0-D
00871	00923	CUNRGYIF	0367039B.S-R2-D
00871	00924	CUNEGYIG	0367039C.S-E0-D
00871	00924	CUNLGYIG	0367039C.S-R2-D
00871	00924	CUNRGYIG	0367039C.S-R2-D
00871	01009	CUNEGYL2	036703F1.S-E0-D
00871	01025	CUNRGYMG	03670401.S-R2-D
00871	01026	CUNRGYMH	03670402.S-R2-D
00871	01027	CUNEGYMI	03670403.S-E0-D
00871	01027	CUNRGYMI	03670403.S-R2-A1
00871	01040	CUNEGYMK	03670410.S-E0-D
00871	01040	CUNRGYMK	03670410.S-R2-A1
00871	01041	CUNEGYMN	03670411.S-E0-D
00871	01041	CUNRGYMN	03670411.S-R2-A1
00871	01042	CUNRGYMR	03670412.S-R2-D
00871	01043	CUNEGYMU	03670413.S-E0-D
00871	01043	CUNRGYMU	03670413.S-R2-A1
00871	01047	CUNLGYM0	03670417.S-R2-D
00871	01047	CUNRGYMO	03670417.S-R2-D
00871	01051	CUNEGYM2	0367041B.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00871	01051	CUNRGYM2	0367041B.S-R2-D
00871	01088	CUNRGYM3	03670440.S-RC-D
00871	01112	CUNRGYNH	03670458.S-R2-D
00871	01122	CUNRGYNP	03670462.S-R2-D
00871	01140	CUNEGYN5	03670474.S-E0-D
00871	01140	CUNRGYN5	03670474.S-R2-D
00871	01141	CUNEGYN6	03670475.S-E0-D
00871	01141	CUNRGYN6	03670475.S-R2-D
00871	01142	CUNEGYN7	03670476.S-E0-D
00871	01142	CUNRGYN7	03670476.S-R2-D
00871	01143	CUNEGYN8	03670477.S-E0-D
00871	01143	CUNRGYN8	03670477.S-R2-D
00871	01144	CUNEGYN9	03670478.S-E0-D
00871	01144	CUNRGYN9	03670478.S-R2-D
00871	01145	CUNRGYOA	03670479.S-E0-D
00871	01145	CUNRGYOA	03670479.S-R2-D
00871	01146	CUNEGYOB	0367047A.S-E0-D
00871	01146	CUNRGYOB	0367047A.S-R2-D
00871	01147	CUNEGYOC	0367047B.S-E0-D
00871	01147	CUNRGYOC	0367047B.S-R2-D
00871	01148	CUNEGYOD	0367047C.S-E0-D
00871	01148	CUNRGYOD	0367047C.S-R2-D
00871	01149	CUNEGYOE	0367047D.S-E0-D
00871	01252	CUNEGYPS	036704E4.S-E0-A1
00871	01252	CUNRGYPS	036704E4.S-R2-D
00871	01275	CUNRGYP6	036704FB.S-R2-D
00871	05348	CUNEGYPT	036714E4.S-E0-D
00871	05348	CUNRGYPT	036714E4.S-R2-D
00871	13488	CUNLGYPG	036734B0.SU-R-D
00871	13488	CUNRGYPG	036734B0.SU-R-D
00872	00259	CUNEG0AP	03680103.S-E0-D
00872	00808	CUNEG0D5	03680328.S-E0-D
00872	00808	CUNRG0D5	03680328.S-R2-D
00872	00858	CUNEG0FI	0368035A.S-E0-D
00872	00858	CUNRG0FI	0368035A.S-R2-D
00872	00859	CUNEG0FK	0368035B.S-E0-D
00872	00859	CUNRG0FK	0368035B.S-R2-D
00872	00923	CUNEG0IF	0368039B.S-E0-D
00872	00923	CUNRG0IF	0368039B.S-R2-D
00872	00924	CUNEG0IG	0368039C.S-E0-D
00872	00924	CUNRG0IG	0368039C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00872	01140	CUNEG0N5	03680474.S-E0-D
00872	01140	CUNRG0N5	03680474.S-R2-D
00872	01141	CUNEG0N6	03680475.S-E0-D
00872	01141	CUNRG0N6	03680475.S-R2-D
00872	01142	CUNEG0N7	03680476.S-E0-D
00872	01142	CUNRG0N7	03680476.S-R2-D
00872	01143	CUNEG0N8	03680477.S-E0-D
00872	01143	CUNRG0N8	03680477.S-R2-D
00872	01144	CUNEG0N9	03680478.S-E0-D
00872	01144	CUNRG0N9	03680478.S-R2-D
00872	01145	CUNEG0OA	03680479.S-E0-D
00872	01145	CUNRG0OA	03680479.S-R2-D
00872	01146	CUNEG0OB	0368047A.S-E0-D
00872	01146	CUNRG0OB	0368047A.S-R2-D
00872	01147	CUNEG0OC	0368047B.S-E0-D
00872	01147	CUNRG0OC	0368047B.S-R2-D
00872	01148	CUNEG0OD	0368047C.S-E0-D
00872	01148	CUNRG0OD	0368047C.S-R2-D
00872	01149	CUNEG0OE	0368047D.S-E0-D
00872	01149	CUNRG0OE	0368047D.S-R2-D
00872	01153	CUNEG0OF	03680481.S-E0-D
00872	01153	CUNRG0OF	03680481.S-R2-D
00872	01154	CUNEG0OG	03680482.S-E0-D
00872	01154	CUNRG0OG	03680482.S-R2-D
00872	01155	CUNEG0OH	03680483.S-E0-D
00872	01155	CUNRG0OH	03680483.S-R2-D
00872	05346	CUNEG0PP	036814E2.S-E0-D
00872	05346	CUNRG0PP	036814E2.S-R2-D
00872	05347	CUNEG0PR	036814E3.S-E0-D
00872	05347	CUNRG0PR	036814E3.S-R2-D
00872	05348	CUNEG0PT	036814E4.S-E0-D
00872	05348	CUNRG0PT	036814E4.S-R2-D
00872	09044	CUNEG0EN	03682354.S-E0-D
00872	09044	CUNRG0EN	03682354.S-R2-D
00872	09049	CUNEG0FE	03682359.S-E0-D
00872	09049	CUNRG0FE	03682359.S-R2-D
00872	17584	CUNRG0PH	036844B0.SU-R-D
00874	00037	CUNEG3AA	036A0025.S-E0-D
00874	00037	CUNRG3AA	036A0025.S-R2-D
00874	00259	CUNEG3AP	036A0103.S-E0-D
00874	00273	CUNRG3AV	036A0111.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00874	00277	CUNRG3A2	036A0115.S-R2-D
00874	00278	CUNRG3A4	036A0116.S-R2-D
00874	00280	CUNRG3A6	036A0118.S-R2-D
00874	00284	CUNRG3BB	036A011C.S-R2-D
00874	00285	CUNRG3BE	036A011D.S-R2-D
00874	00297	CUNRG3BN	036A0129.S-R2-D
00874	00423	CUNRG3B8	036A01A7.S-R2-D
00874	00437	CUNRG3CE	036A01B5.S-R2-D
00874	00813	CUNRG3DF	036A032D.S-R2-D
00874	00819	CUNRG3DH	036A0333.S-R2-D
00874	00838	CUNEG3D1	036A0346.S-E0-D
00874	00838	CUNRG3D1	036A0346.S-RC-D
00874	00850	CUNRG3EB	036A0352.S-R2-D
00874	00852	CUNRG3EL	036A0354.S-R2-D
00874	00857	CUNRG3FC	036A0359.S-R2-D
00874	00860	CUNRG3FM	036A035C.S-R2-D
00874	00861	CUNRG3FP	036A035D.S-R2-D
00874	00863	CUNRG3FV	036A035F.S-R2-D
00874	00869	CUNRG3GP	036A0365.S-R2-D
00874	00870	CUNRG3GW	036A0366.S-R2-D
00874	00871	CUNRG3GY	036A0367.S-R2-D
00874	00875	CUNRG3G8	036A036B.S-R2-D
00874	00880	CUNRG3HB	036A0370.S-R2-D
00874	00897	CUNRG3HK	036A0381.S-R2-D
00874	00903	CUNRG3HW	036A0387.S-R2-D
00874	00912	CUNRG3H1	036A0390.S-R2-D
00874	00916	CUNRG3H6	036A0394.S-R2-D
00874	00920	CUNRG3IA	036A0398.S-R2-D
00874	01025	CUNRG3MG	036A0401.S-R2-D
00874	01026	CUNRG3MH	036A0402.S-R2-D
00874	01027	CUNRG3MI	036A0403.S-R2-D
00874	01041	CUNRG3MN	036A0411.S-R2-D
00874	01042	CUNRG3MR	036A0412.S-R2-D
00874	01043	CUNRG3MU	036A0413.S-R2-D
00874	01252	CUNEG3PS	036A04E4.S-E0-D
00874	04970	CUNEG3G4	036A136A.S-E0-D
00874	13488	CUNEG3PG	036A34B0.SU-E-D
00874	13488	CUNLG3PG	036A34B0.SU-E-D
00875	00037	CUNEG8AA	036B0025.S-E0-A1
00875	00037	CUNRG8AA	036B0025.S-R1-D
00875	00256	CUNRG8AJ	036B0100.S-R1-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00875	00273	CUNRG8AV	036B0111.S-R2-D
00875	00277	CUNRG8A2	036B0115.S-R2-D
00875	00278	CUNRG8A4	036B0116.S-R2-D
00875	00280	CUNRG8A6	036B0118.S-R2-D
00875	00284	CUNRG8BB	036B011C.S-R2-D
00875	00285	CUNRG8BE	036B011D.S-R2-D
00875	00297	CUNRG8BN	036B0129.S-R2-D
00875	00367	CUNEG8B0	036B016F.S-E0-D
00875	00423	CUNRG8B8	036B01A7.S-R1-D
00875	00437	CUNEG8CE	036B01B5.S-E0-A1
00875	00437	CUNRG8CE	036B01B5.S-R2-D
00875	00500	CUNEG8CR	036B01F4.S-E0-A1
00875	00500	CUNRG8CR	036B01F4.S-R1-D
00875	00737	CUNEG8C6	036B02E1.S-E0-D
00875	00737	CUNRG8C6	036B02E1.S-R2-D
00875	00775	CUNEG8C8	036B0307.S-E0-A1
00875	00775	CUNRG8C8	036B0307.S-R2-D
00875	00813	CUNRG8DF	036B032D.S-R2-D
00875	00813	CUNLG8DF	036B032D.S-RC-A1
00875	00819	CUNRG8DH	036B0333.S-R2-D
00875	00836	CUNEG8DU	036B0344.S-E0-D
00875	00836	CUNRG8DU	036B0344.S-R2-A1
00875	00838	CUNRG8D1	036B0346.S-R2-D
00875	00850	CUNRG8EB	036B0352.S-R2-D
00875	00851	CUNRG8EG	036B0353.S-R1-D
00875	00852	CUNEG8EL	036B0354.S-E0-A1
00875	00852	CUNRG8EL	036B0354.S-R2-D
00875	00857	CUNEG8FC	036B0359.S-E0-A1
00875	00857	CUNRG8FC	036B0359.S-R2-D
00875	00860	CUNEG8FM	036B035C.S-E0-A1
00875	00860	CUNRG8FM	036B035C.S-R2-D
00875	00861	CUNEG8FP	036B035D.S-E0-A1
00875	00861	CUNRG8FP	036B035D.S-R2-D
00875	00862	CUNEG8FS	036B035E.S-E0-A1
00875	00862	CUNRG8FS	036B035E.S-R2-D
00875	00863	CUNEG8FV	036B035F.S-E0-A1
00875	00863	CUNRG8FV	036B035F.S-R2-D
00875	00864	CUNEG8FY	036B0360.S-E0-A1
00875	00864	CUNRG8FY	036B0360.S-R2-D
00875	00865	CUNEG8GA	036B0361.S-E0-A1
00875	00865	CUNRG8GA	036B0361.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00875	00869	CUNEG8GP	036B0365.S-E0-A2
00875	00869	CUNRG8GP	036B0365.S-RC-A1
00875	00870	CUNRG8GW	036B0366.S-R2-D
00875	00871	CUNRG8GY	036B0367.S-R2-D
00875	00874	CUNRG8G3	036B036A.S-R2-D
00875	00880	CUNRG8HB	036B0370.S-R2-D
00875	00897	CUNRG8HK	036B0381.S-R2-D
00875	00903	CUNRG8HW	036B0387.S-R2-D
00875	00912	CUNRG8H1	036B0390.S-R2-D
00875	00916	CUNRG8H6	036B0394.S-R2-D
00875	00920	CUNRG8IA	036B0398.S-R2-D
00875	01009	CUNEG8L2	036B03F1.S-E0-D
00875	01025	CUNRG8MG	036B0401.S-R2-D
00875	01026	CUNRG8MH	036B0402.S-R2-D
00875	01027	CUNRG8MI	036B0403.S-R2-D
00875	01041	CUNRG8MN	036B0411.S-R2-D
00875	01042	CUNRG8MR	036B0412.S-R2-D
00875	01043	CUNRG8MU	036B0413.S-R2-D
00875	01047	CUNLG8M0	036B0417.S-R2-D
00875	01047	CUNRG8M0	036B0417.S-R2-D
00875	01051	CUNEG8M2	036B041B.S-E0-D
00875	01088	CUNRG8M3	036B0440.S-RC-D
00875	01112	CUNRG8NH	036B0458.S-R2-D
00875	01122	CUNRG8NP	036B0462.S-R2-D
00875	01252	CUNRG8PS	036B04E4.S-R2-D
00875	01253	CUNEG8PU	036B04E5.S-EC-A1
00875	01253	CUNRG8PU	036B04E5.S-R2-D
00875	01280	CUNRG8QA	036B0500.S-R2-D
00875	01287	CUNEG8SX	036B0507.S-E0-D
00875	01287	CUNRG8SX	036B0507.S-R2-D
00875	05349	CUNEG8PV	036B14E5.S-EC-D
00875	05349	CUNRG8PV	036B14E5.S-R2-D
00875	13488	CUNLG8PG	036B34B0.SU-R-D
00875	13488	CUNRG8PG	036B34B0.SU-R-D
00878	00855	CUNRHAEX	036E0357.S-R2-D
00878	00866	CUNRHAGD	036E0362.S-R2-D
00878	00880	CUNEHAHB	036E0370.S-E0-D
00878	00880	CUNRHAB	036E0370.S-R2-D
00878	00915	CUNRHAH4	036E0393.S-R2-D
00878	01025	CUNEHAMG	036E0401.S-E0-D
00878	01025	CUNRHAMG	036E0401.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00878	01131	CUNEHAN0	036E046B.S-E0-D
00878	01131	CUNRHAN0	036E046B.S-R2-D
00878	01251	CUNRHAPQ	036E04E3.S-R2-D
00878	01283	CUNEHAQD	036E0503.S-E0-D
00878	01283	CUNRHQAQD	036E0503.S-R2-D
00878	05347	CUNEHAPR	036E14E3.S-E0-D
00878	05347	CUNRHAPR	036E14E3.S-R2-D
00878	13488	CUNRHAPG	036E34B0.SU-R-D
00880	00037	CUNEHBA	03700025.S-E0-A1
00880	00037	CUNRHBA	03700025.S-R1-D
00880	00256	CUNRHBAJ	03700100.S-R1-D
00880	00273	CUNRHBAV	03700111.S-R2-D
00880	00277	CUNRHBA2	03700115.S-R2-D
00880	00278	CUNRHBA4	03700116.S-R2-D
00880	00280	CUNRHBA6	03700118.S-R2-D
00880	00284	CUNRHBBB	0370011C.S-R2-D
00880	00285	CUNRHBBE	0370011D.S-R2-D
00880	00297	CUNRHBBN	03700129.S-R2-D
00880	00423	CUNRHBB8	037001A7.S-R2-D
00880	00437	CUNEHBCE	037001B5.S-E0-A1
00880	00437	CUNRHBC	037001B5.S-RC-D
00880	00500	CUNEHBCR	037001F4.S-E0-A1
00880	00500	CUNRHBCR	037001F4.S-R1-D
00880	00737	CUNRHBC6	037002E1.S-R2-D
00880	00775	CUNRHBC8	03700307.S-R2-D
00880	00813	CUNRHBD	0370032D.S-R2-D
00880	00819	CUNRHBDH	03700333.S-R2-D
00880	00838	CUNRHBD1	03700346.S-R2-D
00880	00850	CUNEHBEB	03700352.S-E0-D
00880	00850	CUNRHBE	03700352.S-RC-D
00880	00852	CUNEHBEL	03700354.S-E0-A1
00880	00852	CUNRHBEL	03700354.S-RC-D
00880	00855	CUNRHBE	03700357.S-R2-D
00880	00857	CUNEHBFC	03700359.S-E0-A1
00880	00857	CUNRHFC	03700359.S-R2-D
00880	00860	CUNEHBFM	0370035C.S-E0-A1
00880	00860	CUNRHFM	0370035C.S-R2-D
00880	00861	CUNEHBFP	0370035D.S-E0-A1
00880	00861	CUNRHFP	0370035D.S-R2-D
00880	00862	CUNEHBFS	0370035E.S-E0-A1
00880	00862	CUNRHFS	0370035E.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00880	00863	CUNEHBVF	0370035F.S-E0-A1
00880	00863	CUNRHBVF	0370035F.S-R2-D
00880	00864	CUNEHBFY	03700360.S-E0-A1
00880	00864	CUNRHBFY	03700360.S-R2-D
00880	00865	CUNEHBGA	03700361.S-E0-A1
00880	00865	CUNRHBGA	03700361.S-R2-D
00880	00866	CUNEHBGD	03700362.S-EC-D
00880	00869	CUNRHBGP	03700365.S-R2-D
00880	00870	CUNRHBGW	03700366.S-RC-D
00880	00871	CUNRHBGY	03700367.S-R2-D
00880	00874	CUNRHBG3	0370036A.S-R2-D
00880	00875	CUNRHBG8	0370036B.S-R2-D
00880	00878	CUNEHBHA	0370036E.S-E0-D
00880	00878	CUNRHBHA	0370036E.S-R2-D
00880	00897	CUNRHBHK	03700381.S-R2-D
00880	00903	CUNRHBHW	03700387.S-R2-D
00880	00912	CUNRHBH1	03700390.S-RC-D
00880	00915	CUNRHBH4	03700393.S-R2-D
00880	00916	CUNRHBH6	03700394.S-R2-D
00880	00920	CUNRBIA	03700398.S-R2-D
00880	01009	CUNEHBL2	037003F1.S-E0-D
00880	01025	CUNEHBMG	03700401.S-E0-A1
00880	01025	CUNRHBMG	03700401.S-R2-D
00880	01026	CUNRHBMH	03700402.S-R2-D
00880	01027	CUNRHBMI	03700403.S-R2-D
00880	01041	CUNRHBMN	03700411.S-R2-D
00880	01042	CUNRHBMR	03700412.S-R2-D
00880	01043	CUNRHBMU	03700413.S-R2-D
00880	01051	CUNEHBM2	0370041B.S-E0-D
00880	01112	CUNRHBNH	03700458.S-R2-D
00880	01122	CUNRHBNP	03700462.S-R2-D
00880	01251	CUNEHBPQ	037004E3.S-E0-A1
00880	01251	CUNRHBPO	037004E3.S-R2-D
00880	01252	CUNRHBPS	037004E4.S-R2-D
00880	01283	CUNRHBQD	03700503.S-R2-D
00880	05347	CUNEHBPR	037014E3.S-E0-D
00880	05347	CUNRHBPR	037014E3.S-R2-D
00880	13488	CUNLHBPG	037034B0.SU-R-D
00880	13488	CUNRHBPG	037034B0.SU-R-D
00891	00500	CUNEHDCR	037B01F4.S-E0-D
00891	00833	CUNEHDDI	037B0341.S-EC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00891	01088	CUNEHDM3	037B0440.S-EC-D
00891	13488	CUNRHDPG	037B34B0.SU-R-D
00895	00290	CUNEHHBH	037F0122.S-EC-D
00895	00500	CUNEHHCR	037F01F4.S-E0-D
00895	01027	CUNEHHMI	037F0403.S-EC-D
00895	01041	CUNEHHMN	037F0411.S-E0-D
00895	13488	CUNMHHPG	037F34B0.SU-C0-A2
00895	13488	CUNCHHPG	037F34B0.SU-C0-A2
00895	13488	CUNRHHPG	037F34B0.SU-R-D
00896	00290	CUNEHIBH	03800122.S-EC-D
00896	01027	CUNEHIMI	03800403.S-EC-D
00896	01041	CUNEHIMN	03800411.S-E0-D
00896	13488	CUNMHIPG	038034B0.SU-C0-A2
00896	13488	CUNCHIPG	038034B0.SU-C0-A2
00896	13488	CUNRHIPG	038034B0.SU-R-D
00897	00037	CUNEHKAA	03810025.S-EC-D
00897	00037	CUNRHKAA	03810025.S-R2-A1
00897	00273	CUNRHKAV	03810111.S-R2-D
00897	00277	CUNRHKA2	03810115.S-R2-D
00897	00278	CUNRHKA4	03810116.S-R2-D
00897	00280	CUNRHKA6	03810118.S-R2-D
00897	00284	CUNRHKB8	0381011C.S-R2-D
00897	00285	CUNRHKE	0381011D.S-R2-D
00897	00290	CUNEHKBH	03810122.S-E0-A1
00897	00297	CUNRHKB8	03810129.S-R2-D
00897	00423	CUNRHKB8	038101A7.S-R2-D
00897	00437	CUNEHKCE	038101B5.S-E0-A1
00897	00437	CUNRHKE	038101B5.S-R2-D
00897	00500	CUNEHKCR	038101F4.S-E0-D
00897	00813	CUNRHDF	0381032D.S-R2-D
00897	00819	CUNRHDKH	03810333.S-R2-D
00897	00838	CUNRHKD1	03810346.S-R2-D
00897	00850	CUNEHKEB	03810352.S-E0-A1
00897	00850	CUNRHKEB	03810352.S-R2-D
00897	00852	CUNRHKEL	03810354.S-R2-D
00897	00857	CUNRHFC	03810359.S-R2-D
00897	00860	CUNRHFM	0381035C.S-R2-D
00897	00861	CUNRHFP	0381035D.S-R2-D
00897	00863	CUNRHGV	0381035F.S-R2-D
00897	00869	CUNRHGP	03810365.S-R2-D
00897	00870	CUNRHGW	03810366.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00897	00871	CUNRHKGY	03810367.S-R2-D
00897	00874	CUNRHKG3	0381036A.S-R2-D
00897	00875	CUNRHKG8	0381036B.S-R2-D
00897	00880	CUNRHKHB	03810370.S-R2-D
00897	00903	CUNRHKHW	03810387.S-R2-D
00897	00912	CUNRHKH1	03810390.S-R2-D
00897	00916	CUNRHKH6	03810394.S-R2-D
00897	00920	CUNRHKIA	03810398.S-R2-D
00897	01025	CUNRHKMG	03810401.S-R2-D
00897	01026	CUNRHKMH	03810402.S-R2-D
00897	01027	CUNEHKMI	03810403.S-E0-A1
00897	01041	CUNEHKMN	03810411.S-E0-D
00897	01042	CUNRHKMR	03810412.S-R2-D
00897	01043	CUNRHKMU	03810413.S-R2-D
00897	01252	CUNEHKPS	038104E4.S-E0-D
00897	13488	CUNMHKPG	038134B0.SU-C0-A2
00897	13488	CUNCHKPG	038134B0.SU-C0-A2
00897	13488	CUNRHKPG	038134B0.SU-R-D
00899	00259	CUNEHRAP	03830103.S-E0-D
00901	00259	CUNEHSAP	03850103.S-E0-D
00901	00858	CUNEHSFI	0385035A.S-E0-D
00901	00858	CUNRHSFI	0385035A.S-R2-D
00901	00859	CUNEHSFK	0385035B.S-E0-D
00901	00859	CUNRHSFK	0385035B.S-R2-D
00901	00902	CUNEHSHU	03850386.S-E0-D
00901	00902	CUNRHSHU	03850386.S-R2-D
00901	00923	CUNEHSIF	0385039B.S-E0-D
00901	00923	CUNRHSIF	0385039B.S-R2-D
00901	00924	CUNEHSIG	0385039C.S-E0-D
00901	00924	CUNRHSIG	0385039C.S-R2-D
00901	01140	CUNEHSN5	03850474.S-E0-D
00901	01140	CUNRHSN5	03850474.S-R2-D
00901	01148	CUNEHSOD	0385047C.S-E0-D
00901	01148	CUNRHSOD	0385047C.S-R2-D
00901	01156	CUNEHSOI	03850484.S-E0-D
00901	01156	CUNRHSOI	03850484.S-R2-D
00901	01157	CUNEHSOJ	03850485.S-E0-D
00901	01157	CUNRHSOJ	03850485.S-R2-D
00901	05348	CUNEHSPT	038514E4.S-E0-D
00901	05348	CUNRHSPT	038514E4.S-R2-D
00901	05353	CUNEHSP3	038514E9.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00901	05353	CUNRHSP3	038514E9.S-R2-D
00901	17584	CUNRHSPH	038544B0.SU-R-D
00902	00259	CUNEHUAP	03860103.S-E0-D
00902	00858	CUNEHUFI	0386035A.S-E0-D
00902	00858	CUNRHUFI	0386035A.S-R2-D
00902	00859	CUNEHUFK	0386035B.S-E0-D
00902	00859	CUNRHUFK	0386035B.S-R2-D
00902	00901	CUNEHUHS	03860385.S-E0-D
00902	00901	CUNRHUHS	03860385.S-R2-D
00902	00923	CUNEHUIF	0386039B.S-E0-D
00902	00923	CUNRHUIF	0386039B.S-R2-D
00902	00924	CUNEHUIG	0386039C.S-E0-D
00902	00924	CUNRHUIG	0386039C.S-R2-D
00902	01140	CUNEHUN5	03860474.S-E0-D
00902	01140	CUNRHUN5	03860474.S-R2-D
00902	01148	CUNEHUOD	0386047C.S-E0-D
00902	01148	CUNRHUOD	0386047C.S-R2-D
00902	01156	CUNEHUOI	03860484.S-E0-D
00902	01156	CUNRHUOI	03860484.S-R2-D
00902	01157	CUNEHUOJ	03860485.S-E0-D
00902	01157	CUNRHUOJ	03860485.S-R2-D
00902	05348	CUNEHUPT	038614E4.S-E0-D
00902	05348	CUNRHUPT	038614E4.S-R2-D
00902	05353	CUNEHUP3	038614E9.S-E0-D
00902	05353	CUNRHUP3	038614E9.S-R2-D
00902	17584	CUNRHUPH	038644B0.SU-R-D
00903	00037	CUNRHWAA	03870025.S-R2-D
00903	00273	CUNRHWAV	03870111.S-R2-D
00903	00277	CUNRHWAA2	03870115.S-R2-D
00903	00278	CUNRHWAA4	03870116.S-R2-D
00903	00280	CUNRHWAA6	03870118.S-R2-D
00903	00284	CUNRHWB	0387011C.S-R2-D
00903	00285	CUNRHWE	0387011D.S-R2-D
00903	00297	CUNRHBN	03870129.S-R2-D
00903	00423	CUNRHWB8	038701A7.S-R2-D
00903	00437	CUNRHCE	038701B5.S-R2-D
00903	00500	CUNEHWCR	038701F4.S-E0-D
00903	00813	CUNRHDF	0387032D.S-R2-D
00903	00819	CUNRHWDH	03870333.S-R2-D
00903	00836	CUNEHWDU	03870344.S-E0-A1
00903	00838	CUNRHWD1	03870346.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00903	00850	CUNRHWB	03870352.S-R2-D
00903	00852	CUNRHWEL	03870354.S-R2-D
00903	00857	CUNRHWFC	03870359.S-R2-D
00903	00860	CUNRHWFM	0387035C.S-R2-D
00903	00861	CUNRHWFP	0387035D.S-R2-D
00903	00863	CUNRHWFV	0387035F.S-R2-D
00903	00869	CUNRHWGP	03870365.S-R2-D
00903	00870	CUNRHWGW	03870366.S-R2-D
00903	00871	CUNRHWGY	03870367.S-R2-D
00903	00874	CUNRHWG3	0387036A.S-R2-D
00903	00875	CUNRHWG8	0387036B.S-R2-D
00903	00880	CUNRHWHB	03870370.S-R2-D
00903	00897	CUNRHWHK	03870381.S-R2-D
00903	00912	CUNRHWH1	03870390.S-R2-D
00903	00916	CUNRHWH6	03870394.S-R2-D
00903	00920	CUNRHWIA	03870398.S-R2-D
00903	01025	CUNRHWMG	03870401.S-R2-D
00903	01026	CUNRHWMH	03870402.S-R2-D
00903	01027	CUNRHWMI	03870403.S-R2-D
00903	01041	CUNRHWMN	03870411.S-R2-D
00903	01042	CUNRHWMR	03870412.S-R2-D
00903	01043	CUNRHWMU	03870413.S-R2-D
00903	01115	CUNEHWNM	0387045B.S-EC-D
00903	01252	CUNEHWPS	038704E4.S-E0-D
00903	13488	CUNRHWPG	038734B0.SU-R-D
00904	00037	CUNEHYAA	03880025.S-EC-D
00904	00500	CUNEHYCR	038801F4.S-EC-D
00904	01114	CUNEHYNI	0388045A.S-E0-D
00904	13488	CUNLHYPG	038834B0.SU-R-D
00904	13488	CUNRHYPG	038834B0.SU-R-D
00905	00037	CUNEH0AA	03890025.S-E0-A1
00905	00037	CUNRH0AA	03890025.S-RC-D
00905	00256	CUNRH0AJ	03890100.S-RC-D
00905	00437	CUNEH0CE	038901B5.S-E0-A1
00905	00437	CUNRH0CE	038901B5.S-R2-D
00905	00500	CUNEH0CR	038901F4.S-E0-A1
00905	00500	CUNRH0CR	038901F4.S-RC-D
00905	00737	CUNRH0C6	038902E1.S-R2-D
00905	00775	CUNEH0C8	03890307.S-E0-A1
00905	00775	CUNRH0C8	03890307.S-R2-D
00905	00819	CUNRH0DH	03890333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00905	00850	CUNEH0EB	03890352.S-E0-D
00905	00850	CUNRH0EB	03890352.S-R2-D
00905	00852	CUNEH0EL	03890354.S-E0-A1
00905	00852	CUNRH0EL	03890354.S-R2-D
00905	00857	CUNEH0FC	03890359.S-E0-A1
00905	00857	CUNRH0FC	03890359.S-R1-D
00905	00860	CUNEH0FM	0389035C.S-E0-A1
00905	00860	CUNRH0FM	0389035C.S-R2-D
00905	00861	CUNEH0FP	0389035D.S-E0-A1
00905	00861	CUNRH0FP	0389035D.S-R2-D
00905	00862	CUNEH0FS	0389035E.S-E0-A1
00905	00862	CUNRH0FS	0389035E.S-R2-D
00905	00863	CUNEH0FV	0389035F.S-E0-A1
00905	00863	CUNRH0FV	0389035F.S-R2-D
00905	00864	CUNEH0FY	03890360.S-E0-A1
00905	00864	CUNRH0FY	03890360.S-R2-D
00905	00865	CUNEH0GA	03890361.S-E0-A1
00905	00865	CUNRH0GA	03890361.S-R2-D
00905	00920	CUNRH0IA	03890398.S-RC-D
00905	01026	CUNRH0MH	03890402.S-R1-D
00905	01051	CUNEH0M2	0389041B.S-E0-D
00905	01112	CUNRH0NH	03890458.S-R2-D
00905	01122	CUNRH0NP	03890462.S-R2-D
00905	01252	CUNRH0PS	038904E4.S-R2-D
00905	01254	CUNEH0PW	038904E6.S-E0-A1
00905	01254	CUNRH0PW	038904E6.S-R2-D
00905	01281	CUNRH0QB	03890501.S-R2-D
00905	13488	CUNRH0PG	038934B0.SU-R-D
00912	00037	CUNRH1AA	03900025.S-R2-D
00912	00273	CUNRH1AV	03900111.S-R2-D
00912	00277	CUNRH1A2	03900115.S-R2-D
00912	00278	CUNRH1A4	03900116.S-R2-D
00912	00280	CUNRH1A6	03900118.S-R2-D
00912	00284	CUNRH1BB	0390011C.S-R2-D
00912	00285	CUNRH1BE	0390011D.S-R2-D
00912	00297	CUNRH1BN	03900129.S-R2-D
00912	00423	CUNRH1B8	039001A7.S-R2-D
00912	00437	CUNRH1CE	039001B5.S-RC-D
00912	00500	CUNRH1CR	039001F4.S-R2-D
00912	00813	CUNRH1DF	0390032D.S-R2-D
00912	00819	CUNRH1DH	03900333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00912	00838	CUNRH1D1	03900346.S-R2-D
00912	00850	CUNRH1EB	03900352.S-R2-D
00912	00852	CUNEH1EL	03900354.S-E0-A1
00912	00852	CUNRH1EL	03900354.S-R2-D
00912	00855	CUNRH1EX	03900357.S-R2-D
00912	00857	CUNRH1FC	03900359.S-R2-D
00912	00860	CUNRH1FM	0390035C.S-R2-D
00912	00861	CUNRH1FP	0390035D.S-R2-D
00912	00863	CUNRH1FV	0390035F.S-R2-D
00912	00869	CUNRH1GP	03900365.S-R2-D
00912	00870	CUNRH1GW	03900366.S-R2-D
00912	00871	CUNRH1GY	03900367.S-R2-D
00912	00874	CUNRH1G3	0390036A.S-R2-D
00912	00875	CUNRH1G8	0390036B.S-R2-D
00912	00880	CUNRH1HB	03900370.S-RC-D
00912	00897	CUNRH1HK	03900381.S-R2-D
00912	00903	CUNRH1HW	03900387.S-R2-D
00912	00916	CUNRH1H6	03900394.S-R2-D
00912	00920	CUNRH1IA	03900398.S-R2-D
00912	01025	CUNRH1MG	03900401.S-RC-D
00912	01026	CUNRH1MH	03900402.S-R2-D
00912	01027	CUNRH1MI	03900403.S-R2-D
00912	01041	CUNRH1MN	03900411.S-R2-D
00912	01042	CUNRH1MR	03900412.S-R2-D
00912	01043	CUNRH1MU	03900413.S-R2-D
00912	01047	CUNRH1M0	03900417.S-R2-D
00912	01250	CUNRH1PO	039004E2.S-R2-D
00912	01252	CUNRH1PS	039004E4.S-R2-D
00912	01282	CUNRH1QC	03900502.S-R2-D
00912	05346	CUNEH1PP	039014E2.S-E0-D
00912	05346	CUNRH1PP	039014E2.S-R2-D
00912	13488	CUNLH1PG	039034B0.SU-R-D
00912	13488	CUNRH1PG	039034B0.SU-R-D
00913	17584	CUNRSZPH	039144B0.SU-R-D
00914	00037	CUNRH3AA	03920025.S-R2-D
00914	00437	CUNRH3CE	039201B5.S-R2-D
00914	00500	CUNRH3CR	039201F4.S-R2-D
00914	00819	CUNRH3DH	03920333.S-R2-D
00914	00850	CUNRH3EB	03920352.S-R2-D
00914	01252	CUNRH3PS	039204E4.S-R2-D
00914	01257	CUNRH3P2	039204E9.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00914	13488	CUNLH3PG	039234B0.SU-R-D
00914	13488	CUNRH3PG	039234B0.SU-R-D
00915	00037	CUNRH4AA	03930025.S-R2-D
00915	00259	CUNRH4AP	03930103.S-R2-A1
00915	00437	CUNRH4CE	039301B5.S-RC-D
00915	00500	CUNRH4CR	039301F4.S-R2-D
00915	00819	CUNRH4DH	03930333.S-R2-D
00915	00850	CUNRH4EB	03930352.S-R2-D
00915	00855	CUNEH4EX	03930357.S-E0-A1
00915	00855	CUNRH4EX	03930357.S-RC-D
00915	00866	CUNEH4GD	03930362.S-EC-D
00915	00870	CUNRH4GW	03930366.S-RC-D
00915	00878	CUNRH4HA	0393036E.S-R2-D
00915	00880	CUNRH4HB	03930370.S-R2-D
00915	01025	CUNEH4MG	03930401.S-E0-A1
00915	01025	CUNRH4MG	03930401.S-R2-D
00915	01131	CUNRH4N0	0393046B.S-R2-D
00915	01251	CUNRH4PQ	039304E3.S-R2-D
00915	01252	CUNRH4PS	039304E4.S-R2-D
00915	01283	CUNRH4QD	03930503.S-R2-D
00915	05347	CUNEH4PR	039314E3.S-E0-D
00915	05347	CUNRH4PR	039314E3.S-R2-D
00915	13488	CUNLH4PG	039334B0.SU-R-D
00915	13488	CUNRH4PG	039334B0.SU-R-D
00916	00037	CUNRH6AA	03940025.S-R2-D
00916	00273	CUNRH6AV	03940111.S-R2-D
00916	00277	CUNRH6A2	03940115.S-R2-D
00916	00278	CUNRH6A4	03940116.S-R2-D
00916	00280	CUNRH6A6	03940118.S-R2-D
00916	00284	CUNRH6BB	0394011C.S-R2-D
00916	00285	CUNRH6BE	0394011D.S-R2-D
00916	00297	CUNRH6BN	03940129.S-R2-D
00916	00423	CUNRH6B8	039401A7.S-R2-D
00916	00424	CUNEH6CA	039401A8.S-E0-D
00916	00424	CUNRH6CA	039401A8.S-RC-D
00916	00437	CUNRH6CE	039401B5.S-R2-D
00916	00500	CUNRH6CR	039401F4.S-R2-D
00916	00803	CUNEH6DA	03940323.S-E0-D
00916	00803	CUNRH6DA	03940323.S-RC-D
00916	00813	CUNRH6DF	0394032D.S-R2-D
00916	00819	CUNRH6DH	03940333.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00916	00838	CUNRH6D1	03940346.S-R2-D
00916	00850	CUNRH6EB	03940352.S-R2-D
00916	00852	CUNRH6EL	03940354.S-R2-D
00916	00856	CUNRH6E4	03940358.S-RC-D
00916	00857	CUNRH6FC	03940359.S-R2-D
00916	00860	CUNRH6FM	0394035C.S-R2-D
00916	00861	CUNRH6FP	0394035D.S-R2-D
00916	00862	CUNEH6FS	0394035E.S-E0-D
00916	00862	CUNRH6FS	0394035E.S-RC-D
00916	00863	CUNRH6FV	0394035F.S-R2-D
00916	00869	CUNRH6GP	03940365.S-R2-D
00916	00870	CUNRH6GW	03940366.S-R2-D
00916	00871	CUNRH6GY	03940367.S-R2-D
00916	00874	CUNRH6G3	0394036A.S-R2-D
00916	00875	CUNRH6G8	0394036B.S-R2-D
00916	00880	CUNRH6HB	03940370.S-R2-D
00916	00897	CUNRH6HK	03940381.S-R2-D
00916	00903	CUNRH6HW	03940387.S-R2-D
00916	00912	CUNRH6H1	03940390.S-R2-D
00916	00920	CUNRH6IA	03940398.S-R2-D
00916	01025	CUNRH6MG	03940401.S-R2-D
00916	01026	CUNRH6MH	03940402.S-R2-D
00916	01027	CUNRH6MI	03940403.S-R2-D
00916	01041	CUNRH6MN	03940411.S-R2-D
00916	01042	CUNRH6MR	03940412.S-R2-D
00916	01043	CUNRH6MU	03940413.S-R2-D
00916	01252	CUNRH6PS	039404E4.S-R2-D
00916	01255	CUNEH6PY	039404E7.S-E0-A1
00916	01255	CUNRH6PY	039404E7.S-R2-D
00916	05351	CUNEH6PZ	039414E7.S-E0-D
00916	05351	CUNRH6PZ	039414E7.S-R2-D
00916	13488	CUNLH6PG	039434B0.SU-R-D
00916	13488	CUNRH6PG	039434B0.SU-R-D
00918	00864	CUNRH8FY	03960360.S-RC-D
00918	00868	CUNRH8GH	03960364.S-R2-D
00918	01006	CUNRH8LZ	039603EE.S-R2-D
00918	13488	CUNEH8PG	039634B0.SU-E-A1
00918	13488	CUNRH8PG	039634B0.SU-R-D
00920	00037	CUNRIAAA	03980025.S-R2-D
00920	00273	CUNRIAAV	03980111.S-R2-D
00920	00277	CUNRIAA2	03980115.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00920	00278	CUNRIAA4	03980116.S-R2-D
00920	00280	CUNRIAA6	03980118.S-R2-D
00920	00284	CUNRIABB	0398011C.S-R2-D
00920	00285	CUNRIABE	0398011D.S-R2-D
00920	00297	CUNRIABN	03980129.S-R2-D
00920	00423	CUNRIAB8	039801A7.S-R2-D
00920	00437	CUNRIACE	039801B5.S-R2-D
00920	00500	CUNRIACR	039801F4.S-R2-D
00920	00813	CUNRIADF	0398032D.S-R2-D
00920	00819	CUNRIADH	03980333.S-R2-D
00920	00838	CUNRIAD1	03980346.S-R2-D
00920	00850	CUNRIAEB	03980352.S-R2-D
00920	00852	CUNRIEL	03980354.S-R2-D
00920	00857	CUNRIAFC	03980359.S-R2-A1
00920	00860	CUNRIAFM	0398035C.S-R2-D
00920	00861	CUNRIAFP	0398035D.S-R2-D
00920	00863	CUNRIAFV	0398035F.S-R2-D
00920	00869	CUNRIAGP	03980365.S-R2-D
00920	00870	CUNRIAGW	03980366.S-R2-D
00920	00871	CUNRIAGY	03980367.S-R2-D
00920	00874	CUNRIAG3	0398036A.S-R2-D
00920	00875	CUNRIAG8	0398036B.S-R2-D
00920	00880	CUNRIAHB	03980370.S-R2-D
00920	00897	CUNRIAHK	03980381.S-R2-D
00920	00903	CUNRIAHW	03980387.S-R2-D
00920	00905	CUNRIAH0	03980389.S-RC-D
00920	00912	CUNRIAH1	03980390.S-R2-D
00920	00916	CUNRIAH6	03980394.S-R2-D
00920	01025	CUNRIAMG	03980401.S-R2-D
00920	01026	CUNRIAMH	03980402.S-R2-D
00920	01252	CUNRIAPS	039804E4.S-R2-D
00920	01254	CUNRIAPW	039804E6.S-R2-D
00920	01281	CUNRIAQB	03980501.S-R2-D
00920	01288	CUNEIASY	03980508.S-E0-D
00920	01288	CUNRIASY	03980508.S-R2-D
00920	05350	CUNEIAPX	039814E6.S-E0-D
00920	05350	CUNRIAPX	039814E6.S-R2-D
00920	13488	CUNLIAPG	039834B0.SU-R-D
00920	13488	CUNRIAPG	039834B0.SU-R-D
00921	00037	CUNRIBAA	03990025.S-R2-D
00921	00437	CUNRIBCE	039901B5.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00921	00500	CUNRIBCR	039901F4.S-R2-D
00921	00819	CUNRIBDH	03990333.S-R2-D
00921	00850	CUNRIBEB	03990352.S-R2-D
00921	00922	CUNRIBID	0399039A.S-R2-D
00921	01112	CUNEIBNH	03990458.S-E0-A1
00921	01112	CUNRIBNH	03990458.S-R2-D
00921	01122	CUNRIBNP	03990462.S-R2-D
00921	01252	CUNRIBPS	039904E4.S-R2-D
00921	01257	CUNEIBP2	039904E9.S-E0-D
00921	01257	CUNRIBP2	039904E9.S-R2-D
00921	05353	CUNEIBP3	039914E9.S-E0-D
00921	05353	CUNRIBP3	039914E9.S-R2-D
00921	13488	CUNLIBPG	039934B0.SU-R-D
00921	13488	CUNRIBPG	039934B0.SU-R-D
00922	00037	CUNRIDAA	039A0025.S-R2-D
00922	00437	CUNRIDCE	039A01B5.S-R2-D
00922	00500	CUNRIDCR	039A01F4.S-R2-D
00922	00819	CUNRIDDH	039A0333.S-R2-D
00922	00850	CUNRIDEB	039A0352.S-R2-D
00922	00921	CUNRIDIB	039A0399.S-R2-D
00922	01112	CUNRIDNH	039A0458.S-R2-D
00922	01122	CUNEIDNP	039A0462.S-E0-A1
00922	01122	CUNRIDNP	039A0462.S-R2-D
00922	01252	CUNRIDPS	039A04E4.S-R2-D
00922	01257	CUNEIDP2	039A04E9.S-E0-D
00922	01257	CUNRIDP2	039A04E9.S-R2-D
00922	05353	CUNEIDP3	039A14E9.S-E0-D
00922	05353	CUNRIDP3	039A14E9.S-R2-D
00922	13488	CUNLIDPG	039A34B0.SU-R-D
00922	13488	CUNRIDPG	039A34B0.SU-R-D
00923	00037	CUNEIFAA	039B0025.S-E0-D
00923	00037	CUNRIFAA	039B0025.S-R2-D
00923	00273	CUNEIFAV	039B0111.S-E0-D
00923	00273	CUNRIFAV	039B0111.S-R2-D
00923	00277	CUNEIFA2	039B0115.S-E0-D
00923	00277	CUNRIFA2	039B0115.S-R2-D
00923	00278	CUNEIFA4	039B0116.S-E0-D
00923	00278	CUNRIFA4	039B0116.S-R2-D
00923	00280	CUNEIFA6	039B0118.S-E0-D
00923	00280	CUNRIFA6	039B0118.S-R2-D
00923	00284	CUNEIFBB	039B011C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00923	00284	CUNRIFBB	039B011C.S-R2-D
00923	00285	CUNEIFBE	039B011D.S-E0-D
00923	00285	CUNRIFBE	039B011D.S-R2-D
00923	00297	CUNEIFBN	039B0129.S-E0-D
00923	00297	CUNRIFBN	039B0129.S-R2-D
00923	00437	CUNEIFCE	039B01B5.S-E0-D
00923	00437	CUNRIFCE	039B01B5.S-R2-D
00923	00500	CUNEIFCR	039B01F4.S-E0-D
00923	00500	CUNRIFCR	039B01F4.S-R2-D
00923	00808	CUNEIFD5	039B0328.S-E0-D
00923	00808	CUNRIFD5	039B0328.S-R2-D
00923	00819	CUNEIFDH	039B0333.S-E0-D
00923	00850	CUNEIFEB	039B0352.S-E0-D
00923	00850	CUNRIFEB	039B0352.S-RC-D
00923	00858	CUNEIFFI	039B035A.S-E0-D
00923	00858	CUNRIFFI	039B035A.S-R2-D
00923	00860	CUNEIFFM	039B035C.S-E0-D
00923	00860	CUNRIFFM	039B035C.S-R2-D
00923	00861	CUNEIFFP	039B035D.S-E0-D
00923	00861	CUNRIFFP	039B035D.S-R2-D
00923	00865	CUNEIFGA	039B0361.S-E0-D
00923	00865	CUNRIFGA	039B0361.S-R2-D
00923	00871	CUNEIFGY	039B0367.S-E0-D
00923	00871	CUNRIFGY	039B0367.S-R2-D
00923	00872	CUNEIFG0	039B0368.S-E0-D
00923	00872	CUNRIFG0	039B0368.S-R2-D
00923	00901	CUNEIFHS	039B0385.S-E0-D
00923	00901	CUNRIFHS	039B0385.S-R2-D
00923	00902	CUNEIFHU	039B0386.S-E0-D
00923	00902	CUNRIFHU	039B0386.S-R2-D
00923	00924	CUNLFIG	039B039C.S-R2-D
00923	00924	CUNRFIG	039B039C.S-R2-D
00923	01047	CUNEIFM0	039B0417.S-E0-D
00923	01047	CUNRIFM0	039B0417.S-R2-D
00923	01051	CUNEIFM2	039B041B.S-E0-D
00923	01051	CUNRIFM2	039B041B.S-R2-D
00923	01140	CUNEIFN5	039B0474.S-E0-D
00923	01140	CUNRIFN5	039B0474.S-R2-D
00923	01141	CUNEIFN6	039B0475.S-E0-D
00923	01141	CUNRIFN6	039B0475.S-R2-D
00923	01142	CUNEIFN7	039B0476.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00923	01142	CUNRIFN7	039B0476.S-R2-D
00923	01143	CUNEIFN8	039B0477.S-E0-D
00923	01143	CUNRIFN8	039B0477.S-R2-D
00923	01144	CUNEIFN9	039B0478.S-E0-D
00923	01144	CUNRIFN9	039B0478.S-R2-D
00923	01145	CUNEIFOA	039B0479.S-E0-D
00923	01145	CUNRIFOA	039B0479.S-R2-D
00923	01146	CUNEIFOB	039B047A.S-E0-D
00923	01146	CUNRIFOB	039B047A.S-R2-D
00923	01147	CUNEIFOC	039B047B.S-E0-D
00923	01147	CUNRIFOC	039B047B.S-R2-D
00923	01148	CUNEIFOD	039B047C.S-E0-D
00923	01148	CUNRIFOD	039B047C.S-R2-D
00923	01149	CUNEIFOE	039B047D.S-E0-D
00923	01149	CUNRIFOE	039B047D.S-R2-D
00923	01153	CUNEIFOF	039B0481.S-E0-D
00923	01153	CUNRIFOF	039B0481.S-R2-D
00923	01154	CUNEIFOG	039B0482.S-E0-D
00923	01154	CUNRIFOG	039B0482.S-R2-D
00923	01155	CUNEIFOH	039B0483.S-E0-D
00923	01155	CUNRIFOH	039B0483.S-R2-D
00923	01156	CUNEIFOI	039B0484.S-E0-D
00923	01156	CUNRIFOI	039B0484.S-R2-D
00923	01157	CUNEIFOJ	039B0485.S-E0-D
00923	01157	CUNRIFOJ	039B0485.S-R2-D
00923	01158	CUNEIFOK	039B0486.S-E0-D
00923	01158	CUNRIFOK	039B0486.S-R2-D
00923	01160	CUNEIFOM	039B0488.S-E0-D
00923	01160	CUNRIFOM	039B0488.S-R2-D
00923	01161	CUNEIFON	039B0489.S-E0-D
00923	01161	CUNRIFON	039B0489.S-R2-D
00923	01162	CUNEIFOO	039B048A.S-E0-D
00923	01162	CUNRIFOO	039B048A.S-R2-D
00923	01164	CUNEIFOQ	039B048C.S-E0-D
00923	01164	CUNRIFOQ	039B048C.S-R2-D
00923	01252	CUNEIFPS	039B04E4.S-E0-D
00923	01252	CUNRIFPS	039B04E4.S-R2-D
00923	01275	CUNEIFP6	039B04FB.S-E0-D
00923	01275	CUNRIFP6	039B04FB.S-R2-D
00923	04909	CUNEIFDG	039B132D.S-E0-D
00923	04909	CUNRIFDG	039B132D.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00923	04971	CUNEIFG9	039B136B.S-E0-D
00923	04971	CUNRIFG9	039B136B.S-R2-D
00923	05348	CUNEIFPT	039B14E4.S-E0-D
00923	05348	CUNRIFPT	039B14E4.S-R2-D
00923	09044	CUNEIFEN	039B2354.S-E0-D
00923	09044	CUNRIFEN	039B2354.S-R2-D
00923	09049	CUNEIFFE	039B2359.S-E0-D
00923	09049	CUNRIFFE	039B2359.S-R2-D
00923	09061	CUNEIFGR	039B2365.S-E0-D
00923	09061	CUNRIFGR	039B2365.S-R2-D
00923	16804	CUNEIFB5	039B41A4.S-E0-D
00923	16804	CUNRIFB5	039B41A4.S-R2-D
00923	17248	CUNEIFF2	039B4360.S-E0-D
00923	17248	CUNRIFF2	039B4360.S-R2-D
00923	17584	CUNRIFPH	039B44B0.SU-R-D
00924	00037	CUNEIGAA	039C0025.S-E0-D
00924	00037	CUNRIGAA	039C0025.S-R2-D
00924	00273	CUNEIGAV	039C0111.S-E0-D
00924	00273	CUNLIGAV	039C0111.S-R2-D
00924	00273	CUNRIGAV	039C0111.S-R2-D
00924	00277	CUNEIGA2	039C0115.S-E0-D
00924	00277	CUNRIGA2	039C0115.S-R2-D
00924	00278	CUNEIGA4	039C0116.S-E0-D
00924	00278	CUNLIGA4	039C0116.S-R2-D
00924	00278	CUNRIGA4	039C0116.S-R2-D
00924	00280	CUNEIGA6	039C0118.S-E0-D
00924	00280	CUNLIGA6	039C0118.S-R2-D
00924	00280	CUNRIGA6	039C0118.S-R2-D
00924	00284	CUNEIGBB	039C011C.S-E0-D
00924	00284	CUNLIGBB	039C011C.S-R2-D
00924	00284	CUNRIGBB	039C011C.S-R2-D
00924	00285	CUNEIGBE	039C011D.S-E0-D
00924	00285	CUNLIGBE	039C011D.S-R2-D
00924	00285	CUNRIGBE	039C011D.S-R2-D
00924	00297	CUNEIGBN	039C0129.S-E0-D
00924	00297	CUNLIGBN	039C0129.S-R2-D
00924	00297	CUNRIGBN	039C0129.S-R2-D
00924	00437	CUNEIGCE	039C01B5.S-E0-D
00924	00437	CUNRIGCE	039C01B5.S-R2-D
00924	00500	CUNEIGCR	039C01F4.S-E0-D
00924	00500	CUNLIGCR	039C01F4.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00924	00500	CUNRIGCR	039C01F4.S-R2-D
00924	00808	CUNEIGD5	039C0328.S-E0-D
00924	00808	CUNRIGD5	039C0328.S-R2-D
00924	00819	CUNEIGDH	039C0333.S-E0-D
00924	00819	CUNRIGDH	039C0333.S-R2-D
00924	00848	CUNEIGD7	039C0350.S-E0-D
00924	00848	CUNRIGD7	039C0350.S-R2-D
00924	00849	CUNEIGD9	039C0351.S-E0-D
00924	00849	CUNRIGD9	039C0351.S-R2-D
00924	00850	CUNEIGEB	039C0352.S-E0-D
00924	00850	CUNRIGEB	039C0352.S-R2-D
00924	00858	CUNEIGFI	039C035A.S-E0-D
00924	00858	CUNRIGFI	039C035A.S-R2-D
00924	00860	CUNEIGFM	039C035C.S-E0-D
00924	00860	CUNRIGFM	039C035C.S-R2-D
00924	00861	CUNEIGFP	039C035D.S-E0-D
00924	00861	CUNRIGFP	039C035D.S-R2-D
00924	00865	CUNEIGGA	039C0361.S-E0-D
00924	00865	CUNRIGGA	039C0361.S-R2-D
00924	00871	CUNEIGGY	039C0367.S-E0-D
00924	00871	CUNLIGGY	039C0367.S-R2-D
00924	00871	CUNRIGGY	039C0367.S-R2-D
00924	00872	CUNEIGG0	039C0368.S-E0-D
00924	00872	CUNRIGG0	039C0368.S-R2-D
00924	00901	CUNEIGHS	039C0385.S-E0-D
00924	00901	CUNRIGHTS	039C0385.S-R2-D
00924	00902	CUNEIGHU	039C0386.S-E0-D
00924	00902	CUNRIGHTU	039C0386.S-R2-D
00924	00923	CUNLIFIG	039C039B.S-R2-D
00924	00923	CUNRIGIF	039C039B.S-R2-D
00924	01047	CUNEIGM0	039C0417.S-E0-D
00924	01047	CUNLIGM0	039C0417.S-R2-D
00924	01047	CUNRIGM0	039C0417.S-R2-D
00924	01051	CUNEIGM2	039C041B.S-E0-D
00924	01051	CUNRIGM2	039C041B.S-R2-D
00924	01140	CUNEIGN5	039C0474.S-E0-D
00924	01140	CUNLIGN5	039C0474.S-R2-D
00924	01140	CUNRIGN5	039C0474.S-R2-D
00924	01141	CUNEIGN6	039C0475.S-E0-D
00924	01141	CUNLIGN6	039C0475.S-R2-D
00924	01141	CUNRIGN6	039C0475.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00924	01142	CUNEIGN7	039C0476.S-E0-D
00924	01142	CUNLIGN7	039C0476.S-R2-D
00924	01142	CUNRIGN7	039C0476.S-R2-D
00924	01143	CUNEIGN8	039C0477.S-E0-D
00924	01143	CUNLIGN8	039C0477.S-R2-D
00924	01143	CUNRIGN8	039C0477.S-R2-D
00924	01144	CUNEIGN9	039C0478.S-E0-D
00924	01144	CUNLIGN9	039C0478.S-R2-D
00924	01144	CUNRIGN9	039C0478.S-R2-D
00924	01145	CUNEIGOA	039C0479.S-E0-D
00924	01145	CUNLIGOA	039C0479.S-R2-D
00924	01145	CUNRIGOA	039C0479.S-R2-D
00924	01146	CUNEIGOB	039C047A.S-E0-D
00924	01146	CUNLIGOB	039C047A.S-R2-D
00924	01146	CUNRIGOB	039C047A.S-R2-D
00924	01147	CUNEIGOC	039C047B.S-E0-D
00924	01147	CUNLIGOC	039C047B.S-R2-D
00924	01147	CUNRIGOC	039C047B.S-R2-D
00924	01148	CUNEIGOD	039C047C.S-E0-D
00924	01148	CUNLIGOD	039C047C.S-R2-D
00924	01148	CUNRIGOD	039C047C.S-R2-D
00924	01149	CUNEIGOE	039C047D.S-E0-D
00924	01149	CUNLIGOE	039C047D.S-R2-D
00924	01149	CUNRIGOE	039C047D.S-R2-D
00924	01153	CUNEIGOF	039C0481.S-E0-D
00924	01153	CUNRIGOF	039C0481.S-R2-D
00924	01154	CUNEIGOG	039C0482.S-E0-D
00924	01154	CUNRIGOG	039C0482.S-R2-D
00924	01155	CUNEIGOH	039C0483.S-E0-D
00924	01155	CUNRIGOH	039C0483.S-R2-D
00924	01156	CUNEIGOI	039C0484.S-E0-D
00924	01156	CUNRIGOI	039C0484.S-R2-D
00924	01157	CUNEIGOJ	039C0485.S-E0-D
00924	01157	CUNRIGOJ	039C0485.S-R2-D
00924	01160	CUNEIGOM	039C0488.S-E0-D
00924	01160	CUNRIGOM	039C0488.S-R2-D
00924	01161	CUNEIGON	039C0489.S-E0-D
00924	01161	CUNRIGON	039C0489.S-R2-D
00924	01162	CUNEIGOO	039C048A.S-E0-D
00924	01162	CUNRIGOO	039C048A.S-R2-D
00924	01163	CUNEIGOP	039C048B.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00924	01163	CUNRIGOP	039C048B.S-R2-D
00924	01164	CUNEIGOQ	039C048C.S-E0-D
00924	01164	CUNRIGOQ	039C048C.S-R2-D
00924	01252	CUNEIGPS	039C04E4.S-E0-D
00924	01252	CUNRIGPS	039C04E4.S-R2-D
00924	01275	CUNEIGP6	039C04FB.S-E0-D
00924	01275	CUNRIGP6	039C04FB.S-R2-D
00924	04909	CUNEIGDG	039C132D.S-E0-D
00924	04909	CUNRIGDG	039C132D.S-R2-D
00924	04971	CUNEIGG9	039C136B.S-E0-D
00924	04971	CUNLIGG9	039C136B.S-R2-D
00924	04971	CUNRIGG9	039C136B.S-R2-D
00924	05348	CUNEIGPT	039C14E4.S-E0-D
00924	05348	CUNRIGPT	039C14E4.S-R2-D
00924	09044	CUNEIGEN	039C2354.S-E0-D
00924	09044	CUNRIGEN	039C2354.S-R2-D
00924	09049	CUNEIGFE	039C2359.S-E0-D
00924	09049	CUNRIGFE	039C2359.S-R2-D
00924	09061	CUNEIGGR	039C2365.S-E0-D
00924	09238	CUNEIGMZ	039C2416.S-E0-D
00924	09238	CUNRIGMZ	039C2416.S-R2-D
00924	16804	CUNEIGB5	039C41A4.S-E0-D
00924	16804	CUNRIGB5	039C41A4.S-R2-D
00924	17248	CUNEIGF2	039C4360.S-E0-D
00924	17248	CUNRIGF2	039C4360.S-R2-D
00924	17584	CUNRIGPH	039C44B0.SU-R-D
00926	00834	CUNEIHDM	039E0342.D-E0-D
00926	00951	CUNEIHK5	039E03B7.D-EC-D
00926	01362	CUNEIHQJ	039E0552.D-E0-D
00926	17584	CUNRIHPH	039E44B0.MU-R-D
00927	00835	CUNEIJDR	039F0343.D-E0-D
00927	00947	CUNEIJJ9	039F03B3.D-E0-D
00927	13488	CUNEIJPG	039F34B0.MU-E-D
00927	13488	CUNLIJPG	039F34B0.MU-E-D
00928	00837	CUNEIMDY	03A00345.D-E0-D
00928	01380	CUNEIMQV	03A00564.D-EC-D
00928	01385	CUNEIMQ6	03A00569.D-E0-D
00928	13488	CUNRIMPG	03A034B0.MU-R-D
00941	00300	CUNEJPBQ	03AD012C.D-E0-D
00941	00301	CUNEJPBV	03AD012D.D-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
00941	01351	CUNEJPQI	03AD0547.D-E0-D
00941	13488	CUNEJPPG	03AD34B0.MU-E-D
00947	00835	CUNEJ9DR	03B30343.D-E0-D
00947	00927	CUNEJ9IJ	03B3039F.D-E0-D
00947	13488	CUNEJ9PG	03B334B0.MU-E-D
00951	00834	CUNEKSDM	03B70342.D-E0-D
00951	00926	CUNEKSIH	03B7039E.D-EC-D
00951	00971	CUNEKSLT	03B703CB.D-E0-D
00951	01362	CUNEKSQJ	03B70552.D-E0-D
00951	04930	CUNEKSDN	03B71342.D-E0-D
00951	13488	CUNEKSPG	03B734B0.MU-E-A1
00951	13488	CUNLKSPG	03B734B0.MU-R-D
00951	13488	CUNRKSPG	03B734B0.MU-R-D
00952	00300	CUNEKWBQ	03B8012C.D-E0-D
00952	13488	CUNEKWPG	03B834B0.MU-E-D
00953	00300	CUNEKYBQ	03B9012C.D-E0-D
00953	17584	CUNEKYPH	03B944B0.MU-E-D
00955	00300	CUNEK6BQ	03BB012C.D-E0-D
00955	13488	CUNEK6PG	03BB34B0.MU-E-D
00960	17584	CUNELFPH	03C044B0.MU-E-D
00963	13488	CUNELIPG	03C334B0.MU-E-D
00971	00834	CUNELTDM	03CB0342.D-E0-D
00971	00951	CUNELTKS	03CB03B7.D-E0-D
00971	01362	CUNELTQJ	03CB0552.D-E0-D
00971	13488	CUNRLTPG	03CB34B0.MU-R-D
01004	00500	CUNRLWCR	03EC01F4.S-R2-D
01004	00819	CUNRLWDH	03EC0333.S-R2-D
01004	00850	CUNRLWEB	03EC0352.S-R2-D
01004	13488	CUNRLWPG	03EC34B0.SU-R-D
01006	00868	CUNRLZGH	03EE0364.S-R2-D
01006	00918	CUNRLZH8	03EE0396.S-R2-D
01006	13488	CUNELZPG	03EE34B0.SU-E-A1
01006	13488	CUNRLZPG	03EE34B0.SU-R-D
01008	00420	CUNRL0B1	03F001A4.S-R2-D
01008	00864	CUNRL0FY	03F00360.S-RC-D
01008	13488	CUNRL0PG	03F034B0.SU-R-D
01009	00037	CUNEL2AA	03F10025.S-E0-D
01009	00273	CUNEL2AV	03F10111.S-E0-D
01009	00277	CUNEL2A2	03F10115.S-E0-D
01009	00278	CUNEL2A4	03F10116.S-E0-D
01009	00280	CUNEL2A6	03F10118.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01009	00284	CUNEL2BB	03F1011C.S-E0-D
01009	00290	CUNEL2BH	03F10122.S-EC-D
01009	00297	CUNEL2BN	03F10129.S-E0-D
01009	00367	CUNRL2B0	03F1016F.S-R2-D
01009	00423	CUNEL2B8	03F101A7.S-E0-D
01009	00500	CUNEL2CR	03F101F4.S-E0-D
01009	00833	CUNEL2DI	03F10341.S-EC-D
01009	00836	CUNEL2DU	03F10344.S-EC-D
01009	00870	CUNEL2GW	03F10366.S-E0-D
01009	00871	CUNEL2GY	03F10367.S-E0-D
01009	00875	CUNEL2G8	03F1036B.S-E0-D
01009	00880	CUNEL2HB	03F10370.S-E0-D
01009	01025	CUNEL2MG	03F10401.S-E0-A1
01009	01026	CUNEL2MH	03F10402.S-E0-D
01009	13488	CUNRL2PG	03F134B0.SU-R-D
01010	00500	CUNEL3CR	03F201F4.S-E0-D
01010	13488	CUNRL3PG	03F234B0.SU-R-D
01011	00500	CUNEL4CR	03F301F4.S-E0-D
01011	13488	CUNRL4PG	03F334B0.SU-R-D
01012	00500	CUNEL5CR	03F401F4.S-E0-D
01012	13488	CUNRL5PG	03F434B0.SU-R-D
01013	00500	CUNEL6CR	03F501F4.S-E0-D
01013	01140	CUNEL6N5	03F50474.S-E0-D
01013	13488	CUNRL6PG	03F534B0.SU-R-D
01014	00500	CUNEL7CR	03F601F4.S-E0-D
01014	13488	CUNRL7PG	03F634B0.SU-R-D
01015	00500	CUNEL8CR	03F701F4.S-E0-D
01015	13488	CUNRL8PG	03F734B0.SU-R-D
01016	00500	CUNEL9CR	03F801F4.S-E0-D
01016	13488	CUNRL9PG	03F834B0.SU-R-D
01017	00500	CUNEMACR	03F901F4.S-E0-D
01017	13488	CUNRMAPG	03F934B0.SU-R-D
01018	00500	CUNEMBCR	03FA01F4.S-E0-D
01018	13488	CUNRMBPG	03FA34B0.SU-R-D
01019	00500	CUNEMCCR	03FB01F4.S-E0-D
01019	13488	CUNRMCPG	03FB34B0.SU-R-D
01020	00500	CUNEMDCR	03FC01F4.S-E0-D
01021	00500	CUNEMECR	03FD01F4.S-E0-D
01023	00500	CUNEMFCR	03FF01F4.S-E0-D
01025	00037	CUNEMGAA	04010025.S-E0-A1
01025	00037	CUNRMGAA	04010025.S-R1-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01025	00256	CUNRMGAJ	04010100.S-R1-D
01025	00273	CUNRMGAV	04010111.S-R2-D
01025	00277	CUNRMGA2	04010115.S-R2-D
01025	00278	CUNRMGA4	04010116.S-R2-D
01025	00280	CUNRMGA6	04010118.S-R2-D
01025	00284	CUNRMGBB	0401011C.S-R2-D
01025	00285	CUNRMGBE	0401011D.S-R2-D
01025	00290	CUNEMGBH	04010122.S-E0-D
01025	00290	CUNRMGBH	04010122.S-R2-A1
01025	00297	CUNRMGBN	04010129.S-R2-D
01025	00423	CUNRMGB8	040101A7.S-R2-D
01025	00437	CUNEMGCE	040101B5.S-E0-A1
01025	00437	CUNRMGCE	040101B5.S-RC-D
01025	00500	CUNEMGCR	040101F4.S-E0-A1
01025	00500	CUNRMGCR	040101F4.S-R1-D
01025	00737	CUNRMGC6	040102E1.S-R2-D
01025	00775	CUNRMGC8	04010307.S-R2-D
01025	00813	CUNRMGDF	0401032D.S-R2-D
01025	00819	CUNRMGDH	04010333.S-R2-D
01025	00833	CUNEMGDI	04010341.S-E0-D
01025	00833	CUNRMGDI	04010341.S-R2-A1
01025	00836	CUNRMGDU	04010344.S-R2-D
01025	00838	CUNRMGD1	04010346.S-R2-D
01025	00850	CUNEMGEB	04010352.S-E0-A1
01025	00850	CUNRMGEB	04010352.S-RC-D
01025	00852	CUNEMGEL	04010354.S-E0-A1
01025	00852	CUNRMGEL	04010354.S-RC-D
01025	00855	CUNEMGEX	04010357.S-E0-A1
01025	00855	CUNRMGEX	04010357.S-R2-D
01025	00857	CUNEMGFC	04010359.S-E0-A1
01025	00857	CUNRMGFC	04010359.S-R2-D
01025	00860	CUNEMGFM	0401035C.S-E0-A1
01025	00860	CUNRMGFM	0401035C.S-R2-D
01025	00861	CUNEMGFP	0401035D.S-E0-A1
01025	00861	CUNRMGFP	0401035D.S-R2-D
01025	00862	CUNEMGFS	0401035E.S-E0-A1
01025	00862	CUNRMGFS	0401035E.S-R2-D
01025	00863	CUNEMGFV	0401035F.S-E0-A1
01025	00863	CUNRMGFV	0401035F.S-R2-D
01025	00864	CUNEMGFY	04010360.S-E0-A1
01025	00864	CUNRMGFY	04010360.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01025	00865	CUNEMGGA	04010361.S-E0-A1
01025	00865	CUNRMGGA	04010361.S-R2-D
01025	00866	CUNEMGGD	04010362.S-E0-A1
01025	00866	CUNRMGGD	04010362.S-RC-D
01025	00869	CUNRMGGP	04010365.S-R2-D
01025	00870	CUNRMGGW	04010366.S-RC-D
01025	00871	CUNRMGGY	04010367.S-R2-D
01025	00874	CUNRMGG3	0401036A.S-R2-D
01025	00875	CUNRMGG8	0401036B.S-R2-D
01025	00878	CUNEMGHA	0401036E.S-E0-D
01025	00878	CUNRMGHA	0401036E.S-R2-D
01025	00880	CUNEMGHB	04010370.S-E0-A1
01025	00880	CUNRMGHB	04010370.S-R2-D
01025	00897	CUNRMGHK	04010381.S-R2-D
01025	00903	CUNRMGHW	04010387.S-R2-D
01025	00912	CUNRMGH1	04010390.S-RC-D
01025	00915	CUNEMGH4	04010393.S-E0-A1
01025	00915	CUNRMGH4	04010393.S-R2-D
01025	00916	CUNRMGH6	04010394.S-R2-D
01025	00920	CUNRMGIA	04010398.S-R2-D
01025	01009	CUNEMGL2	040103F1.S-E0-A1
01025	01026	CUNRMGMH	04010402.S-R2-D
01025	01027	CUNEMGMI	04010403.S-E0-D
01025	01027	CUNRMGMI	04010403.S-R2-A1
01025	01040	CUNEMGMK	04010410.S-E0-D
01025	01040	CUNRMGMK	04010410.S-R2-A1
01025	01041	CUNEMGMN	04010411.S-E0-D
01025	01041	CUNRMGMN	04010411.S-R2-A1
01025	01042	CUNRMGMR	04010412.S-R2-D
01025	01043	CUNEMGMU	04010413.S-E0-D
01025	01043	CUNRMGMU	04010413.S-R2-A1
01025	01051	CUNRMGM2	0401041B.S-R2-D
01025	01088	CUNRMGM3	04010440.S-RC-D
01025	01112	CUNRMGNH	04010458.S-R2-D
01025	01122	CUNRMGNP	04010462.S-R2-D
01025	01131	CUNRMGN0	0401046B.S-R2-D
01025	01251	CUNEMGPQ	040104E3.S-E0-A1
01025	01251	CUNRMGPQ	040104E3.S-R2-D
01025	01252	CUNRMGPS	040104E4.S-R2-D
01025	01283	CUNRMGQD	04010503.S-R2-D
01025	05347	CUNEMGPR	040114E3.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01025	05347	CUNRMGPR	040114E3.S-R2-D
01025	13488	CUNLMGPG	040134B0.SU-R-D
01025	13488	CUNRMGPG	040134B0.SU-R-D
01026	00037	CUNEMHAA	04020025.S-E0-A1
01026	00037	CUNRMHAA	04020025.S-RC-D
01026	00256	CUNRMHAJ	04020100.S-RC-D
01026	00273	CUNRMHAV	04020111.S-R2-D
01026	00277	CUNRMHA2	04020115.S-R2-D
01026	00278	CUNRMHA4	04020116.S-R2-D
01026	00280	CUNRMHA6	04020118.S-R2-D
01026	00284	CUNRMHBB	0402011C.S-R2-D
01026	00285	CUNRMHBE	0402011D.S-R2-D
01026	00290	CUNEMHBH	04020122.S-E0-D
01026	00290	CUNRMHBH	04020122.S-R2-A1
01026	00297	CUNRMHBN	04020129.S-R2-D
01026	00367	CUNEMHB0	0402016F.S-E0-D
01026	00423	CUNRMHB8	040201A7.S-R2-D
01026	00437	CUNEMHCE	040201B5.S-E0-A1
01026	00437	CUNRMHCE	040201B5.S-RC-D
01026	00500	CUNEMHCR	040201F4.S-E0-A1
01026	00500	CUNRMHCR	040201F4.S-RC-D
01026	00737	CUNRMHC6	040202E1.S-R2-D
01026	00775	CUNEMHC8	04020307.S-E0-A1
01026	00775	CUNRMHC8	04020307.S-R2-D
01026	00813	CUNRMHDF	0402032D.S-R2-D
01026	00819	CUNRMHDH	04020333.S-R2-D
01026	00833	CUNEMHDI	04020341.S-E0-D
01026	00833	CUNRMHDI	04020341.S-R2-A1
01026	00836	CUNRMHDU	04020344.S-R2-D
01026	00838	CUNRMHD1	04020346.S-R2-D
01026	00850	CUNEMHEB	04020352.S-E0-D
01026	00850	CUNRMHEB	04020352.S-R2-D
01026	00852	CUNEMHEL	04020354.S-E0-A1
01026	00852	CUNRMHEL	04020354.S-RC-D
01026	00855	CUNRMHEX	04020357.S-RC-D
01026	00857	CUNEMHFC	04020359.S-E0-A1
01026	00857	CUNRMHFC	04020359.S-R2-D
01026	00860	CUNEMHFM	0402035C.S-E0-A1
01026	00860	CUNRMHFM	0402035C.S-R2-D
01026	00861	CUNEMHFP	0402035D.S-E0-A1
01026	00861	CUNRMHFP	0402035D.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01026	00862	CUNEMHFS	0402035E.S-E0-A1
01026	00862	CUNRMHFS	0402035E.S-R2-D
01026	00863	CUNEMHFV	0402035F.S-E0-A1
01026	00863	CUNRMHFV	0402035F.S-R2-D
01026	00864	CUNEMHFY	04020360.S-E0-A1
01026	00864	CUNRMHFY	04020360.S-R2-D
01026	00865	CUNEMHGA	04020361.S-E0-A1
01026	00865	CUNRMHGA	04020361.S-R2-D
01026	00869	CUNRMHGP	04020365.S-R2-D
01026	00870	CUNRMHGW	04020366.S-R2-D
01026	00871	CUNRMHGY	04020367.S-R2-D
01026	00874	CUNRMHG3	0402036A.S-R2-D
01026	00875	CUNRMHG8	0402036B.S-R2-D
01026	00880	CUNRMHHB	04020370.S-R2-D
01026	00897	CUNRMHHK	04020381.S-R2-D
01026	00903	CUNRMHHW	04020387.S-R2-D
01026	00905	CUNRMHH0	04020389.S-R1-D
01026	00912	CUNRMHH1	04020390.S-R2-D
01026	00916	CUNRMHH6	04020394.S-R2-D
01026	00920	CUNRMHIA	04020398.S-R2-D
01026	00920	CUNLMHIA	04020398.S-RC-A1
01026	01009	CUNEMHL2	040203F1.S-E0-D
01026	01025	CUNRMHMG	04020401.S-R2-D
01026	01027	CUNEMHMI	04020403.S-E0-D
01026	01027	CUNRMHMI	04020403.S-R2-A1
01026	01040	CUNEMHMK	04020410.S-E0-D
01026	01040	CUNRMHMK	04020410.S-R2-A1
01026	01041	CUNEMHMN	04020411.S-E0-D
01026	01041	CUNRMHMN	04020411.S-R2-A1
01026	01042	CUNRMHMNR	04020412.S-R2-D
01026	01043	CUNEMHMU	04020413.S-E0-D
01026	01043	CUNRMHMU	04020413.S-R2-A1
01026	01047	CUNLMHM0	04020417.S-R2-D
01026	01047	CUNRMHM0	04020417.S-R2-D
01026	01088	CUNRMHM3	04020440.S-RC-D
01026	01112	CUNRMHNH	04020458.S-R2-D
01026	01122	CUNRMHNP	04020462.S-R2-D
01026	01252	CUNRMHPS	040204E4.S-R2-D
01026	01254	CUNEMHPW	040204E6.S-E0-A1
01026	01254	CUNLMHPW	040204E6.S-R2-D
01026	01254	CUNRMHPW	040204E6.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01026	01281	CUNRMHQB	04020501.S-R2-D
01026	01288	CUNEMHSY	04020508.S-E0-D
01026	01288	CUNRMHSY	04020508.S-R2-D
01026	05350	CUNEMHPX	040214E6.S-E0-D
01026	05350	CUNRMHPX	040214E6.S-R2-D
01026	13488	CUNLMPG	040234B0.SU-R-D
01026	13488	CUNRMHPG	040234B0.SU-R-D
01027	00037	CUNEMIAA	04030025.S-E0-D
01027	00037	CUNRMIAA	04030025.S-RC-A1
01027	00256	CUNEMIAJ	04030100.S-E0-D
01027	00273	CUNEMIAV	04030111.S-E0-D
01027	00273	CUNRMIAV	04030111.S-R2-A1
01027	00277	CUNEMIA2	04030115.S-E0-D
01027	00277	CUNRMIA2	04030115.S-R2-A1
01027	00278	CUNEMIA4	04030116.S-E0-D
01027	00278	CUNRMIA4	04030116.S-R2-A1
01027	00280	CUNEMIA6	04030118.S-E0-D
01027	00280	CUNRMIA6	04030118.S-R2-A1
01027	00284	CUNEMIBB	0403011C.S-E0-D
01027	00284	CUNRMIBB	0403011C.S-R2-A1
01027	00285	CUNEMIBE	0403011D.S-E0-D
01027	00285	CUNRMIBE	0403011D.S-R2-A1
01027	00290	CUNLMIBH	04030122.S-R1-D
01027	00290	CUNRMIBH	04030122.S-R1-D
01027	00297	CUNEMIBN	04030129.S-E0-D
01027	00297	CUNRMIBN	04030129.S-R2-A1
01027	00367	CUNEMIB0	0403016F.S-E0-D
01027	00423	CUNRMIB8	040301A7.S-R2-D
01027	00437	CUNEMICE	040301B5.S-E0-D
01027	00437	CUNRMICE	040301B5.S-R2-A1
01027	00500	CUNEMICR	040301F4.S-E0-D
01027	00500	CUNLMICR	040301F4.S-E0-D
01027	00500	CUNRMICR	040301F4.S-R2-A1
01027	00737	CUNEMIC6	040302E1.S-E0-D
01027	00775	CUNEMIC8	04030307.S-E0-D
01027	00813	CUNRMIDF	0403032D.S-R2-D
01027	00819	CUNEMIDH	04030333.S-E0-D
01027	00819	CUNLMIDH	04030333.S-E0-D
01027	00819	CUNRMIDH	04030333.S-R2-A1
01027	00833	CUNEMIDI	04030341.S-E0-D
01027	00833	CUNRMIDI	04030341.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01027	00836	CUNEMIDU	04030344.S-E0-D
01027	00836	CUNRMIDU	04030344.S-R2-A1
01027	00838	CUNRMID1	04030346.S-R2-D
01027	00850	CUNEMIEB	04030352.S-E0-D
01027	00850	CUNRMIEB	04030352.S-R2-A1
01027	00852	CUNEMIEL	04030354.S-E0-D
01027	00852	CUNRMIEL	04030354.S-R2-A1
01027	00855	CUNEMIEX	04030357.S-E0-D
01027	00855	CUNRMIEX	04030357.S-R2-A1
01027	00857	CUNEMIFC	04030359.S-E0-D
01027	00857	CUNRMIFC	04030359.S-R2-A1
01027	00860	CUNEMIFM	0403035C.S-E0-A1
01027	00860	CUNRMIFM	0403035C.S-R2-D
01027	00861	CUNEMIFFP	0403035D.S-E0-A1
01027	00861	CUNRMIFFP	0403035D.S-R2-D
01027	00862	CUNEMIFS	0403035E.S-E0-A1
01027	00862	CUNRMIFS	0403035E.S-R2-D
01027	00863	CUNEMIFV	0403035F.S-E0-A1
01027	00863	CUNRMIFV	0403035F.S-R2-D
01027	00864	CUNEMIFY	04030360.S-E0-A1
01027	00864	CUNRMIFY	04030360.S-R2-D
01027	00865	CUNEMIGA	04030361.S-E0-A1
01027	00865	CUNRMIGA	04030361.S-R2-D
01027	00869	CUNRMIGP	04030365.S-R2-D
01027	00870	CUNEMIGW	04030366.S-E0-D
01027	00870	CUNRMIGW	04030366.S-R2-A1
01027	00871	CUNEMIGY	04030367.S-E0-D
01027	00871	CUNRMIGY	04030367.S-R2-A1
01027	00874	CUNRMIG3	0403036A.S-R2-D
01027	00875	CUNRMIG8	0403036B.S-R2-D
01027	00880	CUNRMIIHB	04030370.S-R2-D
01027	00895	CUNEMIHH	0403037F.S-E0-D
01027	00896	CUNEMIHI	04030380.S-E0-D
01027	00897	CUNEMIHK	04030381.S-E0-A1
01027	00903	CUNRMIIHW	04030387.S-R2-D
01027	00912	CUNRMIIH1	04030390.S-R2-D
01027	00916	CUNRMIIH6	04030394.S-R2-D
01027	01025	CUNEMIMG	04030401.S-E0-D
01027	01025	CUNRMIMG	04030401.S-R2-A1
01027	01026	CUNEMIMH	04030402.S-E0-D
01027	01026	CUNRMIMH	04030402.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01027	01040	CUNEMIMK	04030410.S-E0-D
01027	01040	CUNRMIMK	04030410.S-R2-A1
01027	01041	CUNEMIMN	04030411.S-E0-D
01027	01041	CUNRMIMN	04030411.S-R2-A1
01027	01042	CUNRMIMR	04030412.S-R2-D
01027	01043	CUNEMIMU	04030413.S-E0-D
01027	01043	CUNRMIMU	04030413.S-R2-A1
01027	01047	CUNLMIMO	04030417.S-R2-D
01027	01047	CUNRMIMO	04030417.S-R2-D
01027	01088	CUNRMIM3	04030440.S-RC-D
01027	01112	CUNRMINH	04030458.S-R2-D
01027	01122	CUNRMINP	04030462.S-R2-D
01027	01148	CUNEMIOD	0403047C.S-E0-D
01027	01148	CUNLMIOD	0403047C.S-E0-D
01027	01148	CUNRMIOD	0403047C.S-R2-D
01027	01252	CUNEMIPS	040304E4.S-E0-D
01027	13488	CUNLMIPG	040334B0.SU-R-D
01027	13488	CUNRMIPG	040334B0.SU-R-D
01040	00037	CUNEMKAA	04100025.S-EC-D
01040	00037	CUNRMKAA	04100025.S-R2-A1
01040	00273	CUNEMKAV	04100111.S-E0-D
01040	00273	CUNRMKAV	04100111.S-R2-A1
01040	00277	CUNEMKA2	04100115.S-E0-D
01040	00277	CUNRMKA2	04100115.S-R2-A1
01040	00278	CUNEMKA4	04100116.S-E0-D
01040	00278	CUNRMKA4	04100116.S-R2-A1
01040	00280	CUNEMKA6	04100118.S-E0-D
01040	00280	CUNRMKA6	04100118.S-R2-A1
01040	00284	CUNEMKBB	0410011C.S-E0-D
01040	00284	CUNRMKBB	0410011C.S-R2-A1
01040	00285	CUNEMKBE	0410011D.S-E0-D
01040	00285	CUNRMKBE	0410011D.S-R2-A1
01040	00290	CUNEMKBH	04100122.S-EC-D
01040	00290	CUNRMKBH	04100122.S-R2-A1
01040	00297	CUNEMKBN	04100129.S-E0-D
01040	00297	CUNRMKBN	04100129.S-R2-A1
01040	00437	CUNEMKCE	041001B5.S-E0-D
01040	00437	CUNRMKCE	041001B5.S-R2-A1
01040	00500	CUNEMKCR	041001F4.S-E0-D
01040	00500	CUNRMKCR	041001F4.S-R2-A1
01040	00833	CUNEMKDI	04100341.S-EC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01040	00833	CUNRMKDI	04100341.S-R2-A1
01040	00836	CUNRMKDU	04100344.S-R2-D
01040	00850	CUNEMKEB	04100352.S-E0-D
01040	00850	CUNRMKEB	04100352.S-R2-A1
01040	00852	CUNEMKEL	04100354.S-E0-D
01040	00852	CUNRMKEL	04100354.S-R2-A1
01040	00855	CUNEMKEX	04100357.S-E0-D
01040	00855	CUNRMKEX	04100357.S-R2-A1
01040	00857	CUNEMKFC	04100359.S-E0-D
01040	00857	CUNRMKFC	04100359.S-R2-A1
01040	00870	CUNEMKGW	04100366.S-E0-D
01040	00870	CUNRMKGW	04100366.S-R2-A1
01040	00871	CUNEMKGY	04100367.S-E0-D
01040	00871	CUNRMKGY	04100367.S-R2-A1
01040	01025	CUNEMKMG	04100401.S-E0-D
01040	01025	CUNRMKMG	04100401.S-R2-A1
01040	01026	CUNEMKMH	04100402.S-E0-D
01040	01026	CUNRMKMH	04100402.S-R2-A1
01040	01027	CUNEMKMI	04100403.S-EC-D
01040	01027	CUNRMKMI	04100403.S-R2-A1
01040	01041	CUNEMKMN	04100411.S-E0-D
01040	01041	CUNRMKMN	04100411.S-R2-A1
01040	01042	CUNRMKMR	04100412.S-R2-D
01040	01043	CUNEMKMU	04100413.S-E0-D
01040	01043	CUNRMKMU	04100413.S-R2-A1
01040	01088	CUNEMKM3	04100440.S-E0-D
01040	01088	CUNRMKM3	04100440.S-RC-A1
01040	13488	CUNRMKPG	041034B0.SU-R-D
01041	00037	CUNEMNAA	04110025.S-EC-D
01041	00037	CUNRMNAA	04110025.S-R2-A1
01041	00273	CUNEMNAV	04110111.S-E0-D
01041	00273	CUNRMNAV	04110111.S-R2-A1
01041	00277	CUNEMNA2	04110115.S-E0-D
01041	00277	CUNRMNA2	04110115.S-R2-A1
01041	00278	CUNEMNA4	04110116.S-E0-D
01041	00278	CUNRMNA4	04110116.S-R2-A1
01041	00280	CUNEMNA6	04110118.S-E0-D
01041	00280	CUNRMNA6	04110118.S-R2-A1
01041	00284	CUNEMNBB	0411011C.S-E0-D
01041	00284	CUNRMNBB	0411011C.S-R2-A1
01041	00285	CUNEMNBE	0411011D.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01041	00285	CUNRMNBE	0411011.D.S-R2-A1
01041	00290	CUNEMNBH	04110122.S-EC-D
01041	00290	CUNRMNBH	04110122.S-R2-A1
01041	00297	CUNEMNBN	04110129.S-E0-D
01041	00297	CUNRMNBN	04110129.S-R2-A1
01041	00367	CUNEMNB0	0411016F.S-E0-D
01041	00423	CUNRMNB8	041101A7.S-R2-D
01041	00437	CUNEMNCE	041101B5.S-E0-D
01041	00437	CUNRMNCE	041101B5.S-R2-A1
01041	00500	CUNEMNCR	041101F4.S-E0-D
01041	00500	CUNRMNCR	041101F4.S-R2-A1
01041	00813	CUNRMNDF	0411032D.S-R2-D
01041	00819	CUNRMNDH	04110333.S-R2-D
01041	00833	CUNEMNDI	04110341.S-EC-D
01041	00833	CUNRMNDI	04110341.S-R2-A1
01041	00836	CUNRMNDU	04110344.S-R2-D
01041	00838	CUNRMND1	04110346.S-R2-D
01041	00850	CUNEMNEB	04110352.S-E0-D
01041	00850	CUNRMNEB	04110352.S-R2-A1
01041	00852	CUNEMNEL	04110354.S-E0-D
01041	00852	CUNRMNEL	04110354.S-R2-A1
01041	00855	CUNEMNEX	04110357.S-E0-D
01041	00855	CUNRMNEX	04110357.S-R2-A1
01041	00857	CUNEMNFC	04110359.S-E0-D
01041	00857	CUNRMNFC	04110359.S-R2-A1
01041	00860	CUNRMNFM	0411035C.S-R2-D
01041	00861	CUNRMNFP	0411035D.S-R2-D
01041	00863	CUNRMNFV	0411035F.S-R2-D
01041	00869	CUNRMNGP	04110365.S-R2-D
01041	00870	CUNEMNGW	04110366.S-E0-D
01041	00870	CUNRMNGW	04110366.S-R2-A1
01041	00871	CUNEMNGY	04110367.S-E0-D
01041	00871	CUNRMNGY	04110367.S-R2-A1
01041	00874	CUNRMNG3	0411036A.S-R2-D
01041	00875	CUNRMNG8	0411036B.S-R2-D
01041	00880	CUNRMNHB	04110370.S-R2-D
01041	00895	CUNEMNHH	0411037F.S-E0-D
01041	00896	CUNEMNHI	04110380.S-E0-D
01041	00897	CUNEMNHK	04110381.S-E0-D
01041	00903	CUNRMNHW	04110387.S-R2-D
01041	00912	CUNRMNH1	04110390.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01041	00916	CUNRMNH6	04110394.S-R2-D
01041	01025	CUNEMNMG	04110401.S-E0-D
01041	01025	CUNRMNMG	04110401.S-R2-A1
01041	01026	CUNEMNMH	04110402.S-E0-D
01041	01026	CUNRMNMH	04110402.S-R2-A1
01041	01027	CUNEMNMI	04110403.S-EC-D
01041	01027	CUNRMNMI	04110403.S-R2-A1
01041	01040	CUNEMNMK	04110410.S-E0-D
01041	01040	CUNRMNMK	04110410.S-R2-A1
01041	01042	CUNRMNMR	04110412.S-R2-D
01041	01043	CUNEMNMU	04110413.S-E0-D
01041	01088	CUNRMNM3	04110440.S-RC-D
01041	01252	CUNEMNPS	041104E4.S-E0-D
01041	13488	CUNMMNPNG	041134B0.SU-C0-A2
01041	13488	CUNCMPNG	041134B0.SU-C0-A2
01041	13488	CUNRMNPNG	041134B0.SU-R-D
01042	00037	CUNRMRAA	04120025.S-R2-D
01042	00273	CUNRMRAV	04120111.S-R2-D
01042	00277	CUNRMRA2	04120115.S-R2-D
01042	00278	CUNRMRA4	04120116.S-R2-D
01042	00280	CUNRMRA6	04120118.S-R2-D
01042	00284	CUNRMRBB	0412011C.S-R2-D
01042	00285	CUNRMRBE	0412011D.S-R2-D
01042	00290	CUNRMRBH	04120122.S-R2-D
01042	00297	CUNRMRBNN	04120129.S-R2-D
01042	00423	CUNRMRB8	041201A7.S-R2-D
01042	00437	CUNRMRC	041201B5.S-R2-D
01042	00500	CUNEMRCR	041201F4.S-E0-D
01042	00500	CUNRMRCR	041201F4.S-R2-A1
01042	00813	CUNRMRD	0412032D.S-R2-D
01042	00819	CUNRMRDH	04120333.S-R2-D
01042	00833	CUNRMRD	04120341.S-R2-D
01042	00836	CUNEMRD	04120344.S-EC-D
01042	00836	CUNRMRD	04120344.S-R2-A1
01042	00838	CUNRMRD	04120346.S-R2-D
01042	00850	CUNRMREB	04120352.S-R2-D
01042	00852	CUNRMREL	04120354.S-R2-D
01042	00855	CUNRMREX	04120357.S-R2-D
01042	00857	CUNRMRFC	04120359.S-R2-D
01042	00860	CUNRMRFM	0412035C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01042	00861	CUNRMRFP	0412035D.S-R2-D
01042	00863	CUNRMRFV	0412035F.S-R2-D
01042	00869	CUNMRGP	04120365.S-R2-D
01042	00870	CUNMRGW	04120366.S-R2-D
01042	00871	CUNMRGY	04120367.S-R2-D
01042	00874	CUNMRG3	0412036A.S-R2-D
01042	00875	CUNMRG8	0412036B.S-R2-D
01042	00880	CUNMRHB	04120370.S-R2-D
01042	00897	CUNMRHK	04120381.S-R2-D
01042	00903	CUNMRHW	04120387.S-R2-D
01042	00912	CUNMRH1	04120390.S-R2-D
01042	00916	CUNMRH6	04120394.S-R2-D
01042	01025	CUNMRMG	04120401.S-R2-D
01042	01026	CUNMRMH	04120402.S-R2-D
01042	01027	CUNMRMI	04120403.S-R2-D
01042	01040	CUNMRMK	04120410.S-R2-D
01042	01041	CUNMRMN	04120411.S-R2-D
01042	01043	CUNMRMU	04120413.S-R2-D
01042	01088	CUNMRM3	04120440.S-RC-D
01042	13488	CUNMRPG	041234B0.SU-R-D
01043	00037	CUNEMUAA	04130025.S-EC-D
01043	00037	CUNRMUAA	04130025.S-R2-A1
01043	00273	CUNEMUAV	04130111.S-E0-D
01043	00273	CUNRMUAV	04130111.S-R2-A1
01043	00277	CUNEMUA2	04130115.S-E0-D
01043	00277	CUNRMUA2	04130115.S-R2-A1
01043	00278	CUNEMUA4	04130116.S-E0-D
01043	00278	CUNRMUA4	04130116.S-R2-A1
01043	00280	CUNEMUA6	04130118.S-E0-D
01043	00280	CUNRMUA6	04130118.S-R2-A1
01043	00284	CUNEMUBB	0413011C.S-E0-D
01043	00284	CUNRMUBB	0413011C.S-R2-A1
01043	00285	CUNEMUBE	0413011D.S-E0-D
01043	00285	CUNRMUBE	0413011D.S-R2-A1
01043	00290	CUNEMUBH	04130122.S-EC-D
01043	00290	CUNRMUBH	04130122.S-R2-A1
01043	00297	CUNEMUBN	04130129.S-E0-D
01043	00297	CUNRMUBN	04130129.S-R2-A1
01043	00423	CUNRMUB8	041301A7.S-R2-D
01043	00437	CUNEMUCE	041301B5.S-E0-D
01043	00437	CUNRMUCE	041301B5.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01043	00500	CUNEMUCR	041301F4.S-E0-D
01043	00500	CUNRMUCR	041301F4.S-R2-A1
01043	00813	CUNRMUDF	0413032D.S-R2-D
01043	00819	CUNRMUDH	04130333.S-R2-D
01043	00833	CUNEMUDI	04130341.S-EC-D
01043	00833	CUNRMUDI	04130341.S-R2-A1
01043	00836	CUNRMUDU	04130344.S-R2-D
01043	00838	CUNRMUD1	04130346.S-R2-D
01043	00850	CUNEMUEB	04130352.S-E0-D
01043	00850	CUNRMUEB	04130352.S-R2-A1
01043	00852	CUNEMUEL	04130354.S-E0-D
01043	00852	CUNRMUEL	04130354.S-R2-A1
01043	00855	CUNEMUEX	04130357.S-E0-D
01043	00855	CUNRMUEX	04130357.S-R2-A1
01043	00857	CUNEMUFC	04130359.S-E0-D
01043	00857	CUNRMUFC	04130359.S-R2-A1
01043	00860	CUNRMUFM	0413035C.S-R2-D
01043	00861	CUNRMUFP	0413035D.S-R2-D
01043	00863	CUNRMUFV	0413035F.S-R2-D
01043	00869	CUNRMUGP	04130365.S-R2-D
01043	00870	CUNEMUGW	04130366.S-E0-D
01043	00870	CUNRMUGW	04130366.S-R2-A1
01043	00871	CUNEMUGY	04130367.S-E0-D
01043	00871	CUNRMUGY	04130367.S-R2-A1
01043	00874	CUNRMUG3	0413036A.S-R2-D
01043	00875	CUNRMUG8	0413036B.S-R2-D
01043	00880	CUNRMUHB	04130370.S-R2-D
01043	00897	CUNRMUHK	04130381.S-R2-D
01043	00903	CUNRMUHW	04130387.S-R2-D
01043	00912	CUNRMUH1	04130390.S-R2-D
01043	00916	CUNRMUH6	04130394.S-R2-D
01043	01025	CUNEMUMG	04130401.S-E0-D
01043	01025	CUNRMUMG	04130401.S-R2-A1
01043	01026	CUNEMUMH	04130402.S-E0-D
01043	01026	CUNRMUMH	04130402.S-R2-A1
01043	01027	CUNEMUMI	04130403.S-EC-D
01043	01027	CUNRMUMI	04130403.S-R2-A1
01043	01040	CUNEMUMK	04130410.S-E0-D
01043	01040	CUNRMUMK	04130410.S-R2-A1
01043	01041	CUNEMUMN	04130411.S-E0-D
01043	01041	CUNRMUMN	04130411.S-R2-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01043	01042	CUNRMUMR	04130412.S-R2-D
01043	01088	CUNRMUM3	04130440.S-RC-D
01043	01114	CUNEMUNI	0413045A.S-E0-D
01043	13488	CUNRMUPG	041334B0.SU-R-D
01046	00420	CUNCMXB1	041601A4.S-C0-D
01046	00425	CUNCMXSR	041601A9.S-C0-D
01046	00500	CUNEMXCR	041601F4.S-E0-D
01046	00720	CUNCMXC5	041602D0.S-C0-D
01046	00864	CUNCMXFY	04160360.S-C0-D
01046	01089	CUNCMXM6	04160441.S-C0-D
01046	01127	CUNRMXNW	04160467.S-R2-D
01046	01256	CUNEMXP0	041604E8.S-EC-D
01046	05352	CUNEMXP1	041614E8.S-EC-D
01046	13488	CUNLMXPG	041634B0.SU-R-D
01046	13488	CUNRMXPG	041634B0.SU-R-D
01047	00037	CUNLM0AA	04170025.S-R2-D
01047	00037	CUNRM0AA	04170025.S-R2-D
01047	00273	CUNLM0AV	04170111.S-R2-D
01047	00273	CUNRM0AV	04170111.S-R2-D
01047	00274	CUNLM0AX	04170112.S-R2-D
01047	00274	CUNRM0AX	04170112.S-R2-D
01047	00275	CUNLM0AZ	04170113.S-R2-D
01047	00275	CUNRM0AZ	04170113.S-R2-D
01047	00277	CUNLM0A2	04170115.S-R2-D
01047	00277	CUNRM0A2	04170115.S-R2-D
01047	00278	CUNLM0A4	04170116.S-R2-D
01047	00278	CUNRM0A4	04170116.S-R2-D
01047	00280	CUNLM0A6	04170118.S-R2-D
01047	00280	CUNRM0A6	04170118.S-R2-D
01047	00281	CUNLM0A8	04170119.S-R2-D
01047	00281	CUNRM0A8	04170119.S-R2-D
01047	00282	CUNLM0A9	0417011A.S-R2-D
01047	00282	CUNRM0A9	0417011A.S-R2-D
01047	00284	CUNLM0BB	0417011C.S-R2-D
01047	00284	CUNRM0BB	0417011C.S-R2-D
01047	00285	CUNLM0BE	0417011D.S-R2-D
01047	00285	CUNRM0BE	0417011D.S-R2-D
01047	00290	CUNEM0BH	04170122.S-E0-D
01047	00290	CUNLM0BH	04170122.S-E0-D
01047	00290	CUNRM0BH	04170122.S-R2-D
01047	00297	CUNLM0BN	04170129.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01047	00297	CUNRM0BN	04170129.S-R2-D
01047	00437	CUNEM0CE	041701B5.S-E0-D
01047	00437	CUNRM0CE	041701B5.S-R2-D
01047	00500	CUNLM0CR	041701F4.S-R2-D
01047	00500	CUNRM0CR	041701F4.S-R2-D
01047	00819	CUNRM0DH	04170333.S-R2-D
01047	00819	CUNLM0DH	04170333.S-RC-A2
01047	00833	CUNEM0DI	04170341.S-E0-D
01047	00833	CUNLM0DI	04170341.S-E0-D
01047	00833	CUNRM0DI	04170341.S-R2-D
01047	00836	CUNEM0DU	04170344.S-E0-D
01047	00836	CUNRM0DU	04170344.S-R2-D
01047	00850	CUNCM0EB	04170352.S-C0-A1
01047	00850	CUNLM0EB	04170352.S-C0-A1
01047	00850	CUNRM0EB	04170352.S-R2-D
01047	00852	CUNRM0EL	04170354.S-R2-D
01047	00858	CUNEM0FI	0417035A.S-E0-D
01047	00858	CUNLM0FI	0417035A.S-R2-D
01047	00858	CUNRM0FI	0417035A.S-R2-D
01047	00870	CUNRM0GW	04170366.S-R2-D
01047	00871	CUNLM0GY	04170367.S-R2-D
01047	00871	CUNRM0GY	04170367.S-R2-D
01047	00875	CUNLM0G8	0417036B.S-R2-D
01047	00875	CUNRM0G8	0417036B.S-R2-D
01047	00912	CUNRM0H1	04170390.S-R2-D
01047	00923	CUNEM0IF	0417039B.S-E0-D
01047	00923	CUNRM0IF	0417039B.S-R2-D
01047	00924	CUNEM0IG	0417039C.S-E0-D
01047	00924	CUNLM0IG	0417039C.S-R2-D
01047	00924	CUNRM0IG	0417039C.S-R2-D
01047	01026	CUNLM0MH	04170402.S-R2-D
01047	01026	CUNRM0MH	04170402.S-R2-D
01047	01027	CUNLM0MI	04170403.S-R2-D
01047	01027	CUNRM0MI	04170403.S-R2-D
01047	01140	CUNEM0N5	04170474.S-E0-D
01047	01140	CUNLM0N5	04170474.S-R2-D
01047	01140	CUNRM0N5	04170474.S-R2-D
01047	01141	CUNEM0N6	04170475.S-E0-D
01047	01141	CUNLM0N6	04170475.S-R2-D
01047	01141	CUNRM0N6	04170475.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01047	01142	CUNEM0N7	04170476.S-E0-D
01047	01142	CUNLM0N7	04170476.S-R2-D
01047	01142	CUNRM0N7	04170476.S-R2-D
01047	01143	CUNEM0N8	04170477.S-E0-D
01047	01143	CUNLM0N8	04170477.S-R2-D
01047	01143	CUNRM0N8	04170477.S-R2-D
01047	01144	CUNEM0N9	04170478.S-E0-D
01047	01144	CUNLM0N9	04170478.S-R2-D
01047	01144	CUNRM0N9	04170478.S-R2-D
01047	01145	CUNEM0OA	04170479.S-E0-D
01047	01145	CUNLM0OA	04170479.S-R2-D
01047	01145	CUNRM0OA	04170479.S-R2-D
01047	01146	CUNEM0OB	0417047A.S-E0-D
01047	01146	CUNLM0OB	0417047A.S-R2-D
01047	01146	CUNRM0OB	0417047A.S-R2-D
01047	01147	CUNEM0OC	0417047B.S-E0-D
01047	01147	CUNLM0OC	0417047B.S-R2-D
01047	01147	CUNRM0OC	0417047B.S-R2-D
01047	01148	CUNEM0OD	0417047C.S-E0-D
01047	01148	CUNLM0OD	0417047C.S-R2-D
01047	01148	CUNRM0OD	0417047C.S-R2-D
01047	01149	CUNEM0OE	0417047D.S-E0-D
01047	01149	CUNLM0OE	0417047D.S-R2-D
01047	01149	CUNRM0OE	0417047D.S-R2-D
01047	01252	CUNEM0PS	041704E4.S-E0-D
01047	01252	CUNRM0PS	041704E4.S-R2-D
01047	01254	CUNEM0PW	041704E6.S-E0-D
01047	01254	CUNRM0PW	041704E6.S-R2-D
01047	13488	CUNLM0PG	041734B0.SU-R-D
01047	13488	CUNRM0PG	041734B0.SU-R-D
01051	00037	CUNRM2AA	041B0025.S-R2-D
01051	00273	CUNRM2AV	041B0111.S-R2-D
01051	00277	CUNRM2A2	041B0115.S-R2-D
01051	00278	CUNRM2A4	041B0116.S-R2-D
01051	00280	CUNRM2A6	041B0118.S-R2-D
01051	00284	CUNRM2BB	041B011C.S-R2-D
01051	00285	CUNRM2BE	041B011D.S-R2-D
01051	00297	CUNRM2BN	041B0129.S-R2-D
01051	00437	CUNRM2CE	041B01B5.S-R2-D
01051	00500	CUNRM2CR	041B01F4.S-R2-D
01051	00819	CUNRM2DH	041B0333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01051	00850	CUNRM2EB	041B0352.S-R2-D
01051	00858	CUNEM2FI	041B035A.S-E0-D
01051	00858	CUNRM2FI	041B035A.S-R2-D
01051	00863	CUNRM2FV	041B035F.S-R2-D
01051	00871	CUNRM2GY	041B0367.S-R2-D
01051	00923	CUNEM2IF	041B039B.S-E0-D
01051	00923	CUNRM2IF	041B039B.S-R2-D
01051	00924	CUNEM2IG	041B039C.S-E0-D
01051	00924	CUNRM2IG	041B039C.S-R2-D
01051	01025	CUNRM2MG	041B0401.S-R2-D
01051	01097	CUNRM2M7	041B0449.S-R2-D
01051	01140	CUNEM2N5	041B0474.S-E0-D
01051	01140	CUNRM2N5	041B0474.S-R2-D
01051	01141	CUNEM2N6	041B0475.S-E0-D
01051	01141	CUNRM2N6	041B0475.S-R2-D
01051	01142	CUNEM2N7	041B0476.S-E0-D
01051	01142	CUNRM2N7	041B0476.S-R2-D
01051	01143	CUNEM2N8	041B0477.S-E0-D
01051	01143	CUNRM2N8	041B0477.S-R2-D
01051	01144	CUNEM2N9	041B0478.S-E0-D
01051	01144	CUNRM2N9	041B0478.S-R2-D
01051	01145	CUNEM2OA	041B0479.S-E0-D
01051	01145	CUNRM2OA	041B0479.S-R2-D
01051	01146	CUNEM2OB	041B047A.S-E0-D
01051	01146	CUNRM2OB	041B047A.S-R2-D
01051	01147	CUNEM2OC	041B047B.S-E0-D
01051	01147	CUNRM2OC	041B047B.S-R2-D
01051	01148	CUNEM2OD	041B047C.S-E0-D
01051	01148	CUNRM2OD	041B047C.S-R2-D
01051	01149	CUNEM2OE	041B047D.S-E0-D
01051	01149	CUNRM2OE	041B047D.S-R2-D
01051	01252	CUNRM2PS	041B04E4.S-R2-D
01051	01275	CUNRM2P6	041B04FB.S-R2-D
01051	05348	CUNEM2PT	041B14E4.S-E0-D
01051	05348	CUNRM2PT	041B14E4.S-R2-D
01051	13488	CUNEM2PG	041B34B0.SU-E-D
01088	00037	CUNRM3AA	04400025.S-RC-D
01088	00273	CUNRM3AV	04400111.S-RC-D
01088	00277	CUNRM3A2	04400115.S-RC-D
01088	00278	CUNRM3A4	04400116.S-RC-D
01088	00280	CUNRM3A6	04400118.S-RC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01088	00284	CUNRM3BB	0440011C.S-RC-D
01088	00285	CUNRM3BE	0440011D.S-RC-D
01088	00290	CUNRM3BH	04400122.S-RC-D
01088	00297	CUNRM3BN	04400129.S-RC-D
01088	00367	CUNEM3B0	0440016F.S-EC-D
01088	00500	CUNEM3CR	044001F4.S-EC-D
01088	00500	CUNRM3CR	044001F4.S-RC-A1
01088	00819	CUNRM3DH	04400333.S-R2-D
01088	00833	CUNEM3DI	04400341.S-EC-D
01088	00833	CUNRM3DI	04400341.S-RC-A1
01088	00836	CUNRM3DU	04400344.S-RC-D
01088	00850	CUNRM3EB	04400352.S-RC-D
01088	00852	CUNRM3EL	04400354.S-RC-D
01088	00855	CUNRM3EX	04400357.S-RC-D
01088	00857	CUNRM3FC	04400359.S-RC-D
01088	00870	CUNRM3GW	04400366.S-RC-D
01088	00871	CUNRM3GY	04400367.S-RC-D
01088	00875	CUNRM3G8	0440036B.S-RC-D
01088	00891	CUNEM3HD	0440037B.S-EC-D
01088	01025	CUNRM3MG	04400401.S-RC-D
01088	01026	CUNRM3MH	04400402.S-RC-D
01088	01027	CUNRM3MI	04400403.S-RC-D
01088	01040	CUNEM3MK	04400410.S-E0-D
01088	01040	CUNRM3MK	04400410.S-RC-A1
01088	01041	CUNRM3MN	04400411.S-RC-D
01088	01042	CUNRM3MR	04400412.S-RC-D
01088	01043	CUNRM3MU	04400413.S-RC-D
01088	01126	CUNEM3NT	04400466.S-E0-D
01088	13488	CUNMM3PG	044034B0.SU-C0-A2
01088	13488	CUNCM3PG	044034B0.SU-C0-A2
01088	13488	CUNLM3PG	044034B0.SU-R-D
01088	13488	CUNRM3PG	044034B0.SU-R-D
01089	00037	CUNEM6AA	04410025.S-E0-D
01089	00037	CUNRM6AA	04410025.S-R2-D
01089	00420	CUNCM6B1	044101A4.S-C0-D
01089	00425	CUNEM6SR	044101A9.S-E0-D
01089	00500	CUNEM6CR	044101F4.S-E0-D
01089	00500	CUNRM6CR	044101F4.S-R2-D
01089	00819	CUNRM6DH	04410333.S-R2-D
01089	00850	CUNRM6EB	04410352.S-R2-D
01089	00864	CUNCM6FY	04410360.S-C0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01089	00864	CUNEM6FY	04410360.S-E0-A1
01089	01046	CUNCM6MX	04410416.S-C0-D
01089	01127	CUNCM6NW	04410467.S-C0-D
01089	01256	CUNEM6P0	044104E8.S-EC-D
01089	05352	CUNEM6P1	044114E8.S-EC-D
01089	13488	CUNLM6PG	044134B0.SU-R-D
01089	13488	CUNRM6PG	044134B0.SU-R-D
01097	00037	CUNEM7AA	04490025.S-E0-A1
01097	00037	CUNRM7AA	04490025.S-R2-D
01097	00437	CUNEM7CE	044901B5.S-E0-A1
01097	00437	CUNRM7CE	044901B5.S-R2-D
01097	00500	CUNEM7CR	044901F4.S-E0-A1
01097	00500	CUNRM7CR	044901F4.S-R2-D
01097	00737	CUNRM7C6	044902E1.S-R2-D
01097	00775	CUNEM7C8	04490307.S-E0-A1
01097	00775	CUNRM7C8	04490307.S-R2-D
01097	00819	CUNRM7DH	04490333.S-R2-D
01097	00850	CUNRM7EB	04490352.S-R2-D
01097	00852	CUNEM7EL	04490354.S-E0-A1
01097	00852	CUNRM7EL	04490354.S-R2-D
01097	00857	CUNEM7FC	04490359.S-E0-A1
01097	00857	CUNRM7FC	04490359.S-R2-D
01097	00860	CUNEM7FM	0449035C.S-E0-A1
01097	00860	CUNRM7FM	0449035C.S-R2-D
01097	00861	CUNEM7FP	0449035D.S-E0-A1
01097	00861	CUNRM7FP	0449035D.S-R2-D
01097	00862	CUNEM7FS	0449035E.S-E0-A1
01097	00862	CUNRM7FS	0449035E.S-R2-D
01097	00863	CUNEM7FV	0449035F.S-E0-A1
01097	00863	CUNRM7FV	0449035F.S-R2-D
01097	00864	CUNEM7FY	04490360.S-E0-A1
01097	00864	CUNRM7FY	04490360.S-R2-D
01097	00865	CUNEM7GA	04490361.S-E0-A1
01097	00865	CUNRM7GA	04490361.S-R2-D
01097	01051	CUNEM7M2	0449041B.S-E0-A1
01097	01051	CUNRM7M2	0449041B.S-R2-D
01097	01098	CUNEM7M8	0449044A.S-E0-A1
01097	01098	CUNRM7M8	0449044A.S-RC-D
01097	01112	CUNRM7NH	04490458.S-R2-D
01097	01122	CUNRM7NP	04490462.S-R2-D
01097	01252	CUNRM7PS	044904E4.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01097	13488	CUNEM7PG	044934B0.SU-E-A1
01097	13488	CUNRM7PG	044934B0.SU-R-D
01098	00259	CUNRM8AP	044A0103.S-RC-A1
01098	00420	CUNRM8B1	044A01A4.S-R2-D
01098	00437	CUNRM8CE	044A01B5.S-R2-D
01098	00819	CUNRM8DH	044A0333.S-R2-D
01098	00850	CUNRM8EB	044A0352.S-RC-D
01098	01097	CUNRM8M7	044A0449.S-RC-D
01098	01252	CUNRM8PS	044A04E4.S-R2-D
01098	13488	CUNEM8PG	044A34B0.SU-E-A1
01098	13488	CUNRM8PG	044A34B0.SU-R-D
01100	00037	CUNRM9AA	044C0025.S-R2-D
01100	00273	CUNRM9AV	044C0111.S-R2-D
01100	00277	CUNRM9A2	044C0115.S-R2-D
01100	00278	CUNRM9A4	044C0116.S-R2-D
01100	00280	CUNRM9A6	044C0118.S-R2-D
01100	00284	CUNRM9BB	044C011C.S-R2-D
01100	00285	CUNRM9BE	044C011D.S-R2-D
01100	00297	CUNRM9BN	044C0129.S-R2-D
01100	00500	CUNRM9CR	044C01F4.S-R2-D
01100	00850	CUNRM9EB	044C0352.S-R2-D
01101	00500	CUNENACR	044D01F4.S-E0-D
01102	00500	CUNENBCR	044E01F4.S-E0-D
01103	00500	CUNENCCR	044F01F4.S-E0-D
01104	00500	CUNENDCR	045001F4.S-E0-D
01105	00500	CUNENECCR	045101F4.S-E0-D
01106	00500	CUNENFCR	045201F4.S-E0-D
01107	00500	CUNENGCR	045301F4.S-E0-D
01112	00037	CUNENHAA	04580025.S-E0-D
01112	00037	CUNRNHAA	04580025.S-R2-D
01112	00256	CUNRNHAJ	04580100.S-R2-D
01112	00273	CUNRNHAV	04580111.S-R2-D
01112	00277	CUNRNHA2	04580115.S-R2-D
01112	00278	CUNRNHA4	04580116.S-R2-D
01112	00280	CUNRNHA6	04580118.S-R2-D
01112	00284	CUNRNHB	0458011C.S-R2-D
01112	00285	CUNRNHBE	0458011D.S-R2-D
01112	00290	CUNRNHBH	04580122.S-R2-D
01112	00297	CUNRNHBN	04580129.S-R2-D
01112	00420	CUNRNHB1	045801A4.S-R2-D
01112	00423	CUNRNHB8	045801A7.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01112	00424	CUNRNHCA	045801A8.S-R2-D
01112	00500	CUNENHCR	045801F4.S-E0-D
01112	00500	CUNRNHCR	045801F4.S-R2-D
01112	00775	CUNRNHC8	04580307.S-R2-D
01112	00819	CUNENHDH	04580333.S-E0-D
01112	00819	CUNRNHDH	04580333.S-R2-D
01112	00833	CUNRNHDI	04580341.S-R2-D
01112	00836	CUNRNHDU	04580344.S-R2-D
01112	00838	CUNRNHD1	04580346.S-R2-D
01112	00850	CUNRNHEB	04580352.S-R2-D
01112	00870	CUNRNHWG	04580366.S-R2-D
01112	00871	CUNRNHGY	04580367.S-R2-D
01112	00875	CUNRNHG8	0458036B.S-R2-D
01112	00880	CUNRNHHB	04580370.S-R2-D
01112	00905	CUNRNHH0	04580389.S-R2-D
01112	00921	CUNENHIB	04580399.S-E0-A1
01112	00921	CUNRNHIB	04580399.S-R2-D
01112	00922	CUNRNHID	0458039A.S-R2-D
01112	01025	CUNRNHMG	04580401.S-R2-D
01112	01026	CUNRNHMH	04580402.S-R2-D
01112	01027	CUNRNHMI	04580403.S-R2-D
01112	01097	CUNRNHM7	04580449.S-R2-D
01112	01122	CUNRNHNP	04580462.S-R2-D
01112	01252	CUNENHPS	045804E4.S-E0-D
01112	01252	CUNRNHPS	045804E4.S-R2-D
01112	01257	CUNENHP2	045804E9.S-E0-D
01112	01257	CUNRNHP2	045804E9.S-R2-D
01112	05353	CUNENHP3	045814E9.S-E0-D
01112	05353	CUNRNHP3	045814E9.S-R2-D
01112	13488	CUNLNHPG	045834B0.SU-R-D
01112	13488	CUNRNHPG	045834B0.SU-R-D
01114	00037	CUNENIAA	045A0025.S-EC-D
01114	00437	CUNENICE	045A01B5.S-E0-D
01114	00500	CUNENICR	045A01F4.S-E0-D
01114	00819	CUNENIDH	045A0333.S-E0-D
01114	00819	CUNRNIDH	045A0333.S-R2-A1
01114	00836	CUNENIDU	045A0344.S-E0-D
01114	00850	CUNENIEB	045A0352.S-E0-A1
01114	00850	CUNRNIEB	045A0352.S-R2-D
01114	00904	CUNENIHY	045A0388.S-E0-D
01114	01043	CUNENIMU	045A0413.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01114	01115	CUNENINM	045A045B.S-E0-D
01114	13488	CUNRNIPG	045A34B0.SU-R-D
01115	00037	CUNENMAA	045B0025.S-E0-D
01115	00367	CUNENMB0	045B016F.S-E0-D
01115	00437	CUNENMCE	045B01B5.S-EC-D
01115	00500	CUNENMCR	045B01F4.S-E0-D
01115	00836	CUNENMDU	045B0344.S-EC-D
01115	00903	CUNENMHW	045B0387.S-EC-D
01115	01114	CUNENMNI	045B045A.S-E0-D
01115	13488	CUNLNMPG	045B34B0.SU-R-D
01115	13488	CUNRNMPG	045B34B0.SU-R-D
01122	00037	CUNRNPA	04620025.S-R2-D
01122	00256	CUNRNPAJ	04620100.S-R2-D
01122	00273	CUNRNPAV	04620111.S-R2-D
01122	00277	CUNRNPA2	04620115.S-R2-D
01122	00278	CUNRNPA4	04620116.S-R2-D
01122	00280	CUNRNPA6	04620118.S-R2-D
01122	00284	CUNRNPBB	0462011C.S-R2-D
01122	00285	CUNRNPBE	0462011D.S-R2-D
01122	00290	CUNRNPBH	04620122.S-R2-D
01122	00297	CUNRNPBN	04620129.S-R2-D
01122	00420	CUNRNPB1	046201A4.S-R2-D
01122	00423	CUNRNPB8	046201A7.S-R2-D
01122	00424	CUNRNPCA	046201A8.S-R2-D
01122	00500	CUNRNPCR	046201F4.S-R2-D
01122	00775	CUNRNPC8	04620307.S-R2-D
01122	00819	CUNENPDH	04620333.S-E0-D
01122	00819	CUNRNPDH	04620333.S-R2-D
01122	00833	CUNRNPD1	04620341.S-R2-D
01122	00836	CUNRNPDU	04620344.S-R2-D
01122	00838	CUNRNPD1	04620346.S-R2-D
01122	00850	CUNRNPEB	04620352.S-R2-D
01122	00870	CUNRNPGW	04620366.S-R2-D
01122	00871	CUNRNPGY	04620367.S-R2-D
01122	00875	CUNRNPG8	0462036B.S-R2-D
01122	00880	CUNRNPHB	04620370.S-R2-D
01122	00905	CUNRNPH0	04620389.S-R2-D
01122	00921	CUNRNPIB	04620399.S-R2-D
01122	00922	CUNENPID	0462039A.S-E0-A1
01122	00922	CUNRNPID	0462039A.S-R2-D
01122	01025	CUNRNPMG	04620401.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01122	01026	CUNRNPMH	04620402.S-R2-D
01122	01027	CUNRNPMI	04620403.S-R2-D
01122	01097	CUNRNPM7	04620449.S-R2-D
01122	01112	CUNRNPNH	04620458.S-R2-D
01122	01252	CUNENPPS	046204E4.S-E0-D
01122	01252	CUNRNPPS	046204E4.S-R2-D
01122	01257	CUNENPP2	046204E9.S-E0-D
01122	01257	CUNRNPP2	046204E9.S-R2-D
01122	05353	CUNENPP3	046214E9.S-E0-D
01122	05353	CUNRNPP3	046214E9.S-R2-D
01122	13488	CUNLNPPG	046234B0.SU-R-D
01122	13488	CUNRNPPG	046234B0.SU-R-D
01123	00819	CUNENQDH	04630333.S-E0-D
01123	00819	CUNRNQDH	04630333.S-R2-D
01123	01124	CUNENQNR	04630464.S-E0-A1
01123	01124	CUNRNQNR	04630464.S-R2-D
01123	01125	CUNENQNS	04630465.S-E0-A1
01123	01125	CUNRNQNS	04630465.S-R2-D
01123	01148	CUNENQOD	0463047C.S-E0-D
01123	01148	CUNRNQOD	0463047C.S-R2-D
01123	01251	CUNENQPQ	046304E3.S-E0-A1
01123	01251	CUNRNQPQ	046304E3.S-R2-D
01123	01252	CUNENQPS	046304E4.S-E0-D
01123	01252	CUNRNQPS	046304E4.S-R2-D
01123	01283	CUNRNQQD	04630503.S-R2-D
01123	05347	CUNENQPR	046314E3.S-E0-D
01123	05347	CUNRNQPR	046314E3.S-R2-D
01123	13488	CUNRNQPG	046334B0.SU-R-D
01124	00037	CUNENRAA	04640025.S-E0-D
01124	00037	CUNRNRAA	04640025.S-R2-D
01124	00500	CUNENRCR	046401F4.S-E0-A1
01124	00500	CUNRNRCR	046401F4.S-R2-D
01124	01123	CUNENRNQ	04640463.S-E0-A1
01124	01123	CUNRNRNQ	04640463.S-R2-D
01124	01125	CUNENRNS	04640465.S-E0-A1
01124	01125	CUNRNRS	04640465.S-R2-D
01124	01251	CUNENRPQ	046404E3.S-E0-A1
01124	01251	CUNRNRPQ	046404E3.S-R2-D
01124	01283	CUNRNQRD	04640503.S-R2-D
01124	05347	CUNENRPR	046414E3.S-E0-D
01124	05347	CUNRNPRP	046414E3.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01124	13488	CUNRNRPG	046434B0.SU-R-D
01125	00500	CUNENSCR	046501F4.S-E0-A1
01125	00500	CUNRNSCR	046501F4.S-R2-D
01125	01123	CUNENSNQ	04650463.S-E0-A1
01125	01123	CUNRNSNQ	04650463.S-R2-D
01125	01124	CUNENSNR	04650464.S-E0-A1
01125	01124	CUNRNSNR	04650464.S-R2-D
01125	01251	CUNENSPQ	046504E3.S-E0-A1
01125	01251	CUNRNSPQ	046504E3.S-R2-D
01125	01283	CUNRNSQD	04650503.S-R2-D
01125	05347	CUNENSPR	046514E3.S-E0-D
01125	05347	CUNRNSPR	046514E3.S-R2-D
01125	13488	CUNRNPG	046534B0.SU-R-D
01126	00037	CUNENTAA	04660025.S-E0-D
01126	00367	CUNENTB0	0466016F.S-EC-D
01126	00437	CUNENTCE	046601B5.S-E0-D
01126	00500	CUNENTCR	046601F4.S-E0-D
01126	00819	CUNENTDH	04660333.S-E0-D
01126	00833	CUNENTDI	04660341.S-E0-D
01126	00850	CUNENTEB	04660352.S-E0-D
01126	01088	CUNENTM3	04660440.S-E0-D
01126	01252	CUNENTPS	046604E4.S-E0-D
01126	13121	CUNENTDL	04663341.S-E0-D
01126	13488	CUNMNTPG	046634B0.SU-C0-A2
01126	13488	CUNCNTPG	046634B0.SU-C0-A2
01126	13488	CUNRNTPG	046634B0.SU-R-D
01126	17584	CUNRNTPH	046644B0.SU-R-D
01127	00420	CUNRNWB1	046701A4.S-R2-D
01127	00864	CUNRNWFY	04670360.S-R2-D
01127	01046	CUNRNWMX	04670416.S-R2-D
01127	01089	CUNCNWM6	04670441.S-C0-D
01127	01256	CUNCNWPO	046704E8.S-C0-D
01129	00500	CUNENYCR	046901F4.S-E0-A1
01129	00500	CUNRNYCR	046901F4.S-R2-D
01129	01130	CUNENYNZ	0469046A.S-E0-A1
01129	01130	CUNRNYNZ	0469046A.S-R2-D
01129	01258	CUNENYP4	046904EA.S-E0-A1
01129	01258	CUNRNYP4	046904EA.S-R2-D
01129	05354	CUNENYP5	046914EA.S-E0-D
01129	05354	CUNRNYP5	046914EA.S-R2-D
01129	13488	CUNRNYPG	046934B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01130	00037	CUNRNZAA	046A0025.S-R2-D
01130	00500	CUNENZCR	046A01F4.S-E0-D
01130	00500	CUNRNZCR	046A01F4.S-R2-D
01130	00819	CUNENZDH	046A0333.S-E0-D
01130	00819	CUNRNZDH	046A0333.S-R2-D
01130	00850	CUNENZEB	046A0352.S-E0-D
01130	00850	CUNRNZEB	046A0352.S-R2-D
01130	01129	CUNENZNY	046A0469.S-E0-A1
01130	01129	CUNRNZNY	046A0469.S-R2-D
01130	01252	CUNENZPS	046A04E4.S-E0-D
01130	01252	CUNRNZPS	046A04E4.S-R2-D
01130	01258	CUNENZP4	046A04EA.S-E0-A1
01130	01258	CUNRNZP4	046A04EA.S-R2-D
01130	05354	CUNENZP5	046A14EA.S-E0-D
01130	05354	CUNRNZP5	046A14EA.S-R2-D
01130	13488	CUNRNZPG	046A34B0.SU-R-D
01131	00037	CUNEN0AA	046B0025.S-E0-D
01131	00037	CUNRN0AA	046B0025.S-R2-D
01131	00500	CUNRN0CR	046B01F4.S-R2-D
01131	00878	CUNEN0HA	046B036E.S-E0-D
01131	00878	CUNRN0HA	046B036E.S-R2-D
01131	00915	CUNRN0H4	046B0393.S-R2-D
01131	01025	CUNRN0MG	046B0401.S-R2-D
01131	01251	CUNRN0PQ	046B04E3.S-R2-D
01131	01283	CUNRN0QD	046B0503.S-R2-D
01131	05347	CUNEN0PR	046B14E3.S-E0-D
01131	05347	CUNRN0PR	046B14E3.S-R2-D
01131	13488	CUNRN0PG	046B34B0.SU-R-D
01132	00037	CUNRN1AA	046C0025.S-R2-D
01132	00500	CUNEN1CR	046C01F4.S-EC-D
01132	00500	CUNRN1CR	046C01F4.S-R2-D
01132	00819	CUNEN1DH	046C0333.S-EC-D
01132	00819	CUNRN1DH	046C0333.S-R2-D
01132	00850	CUNEN1EB	046C0352.S-EC-D
01132	00850	CUNRN1EB	046C0352.S-R2-D
01132	01133	CUNEN1N2	046C046D.S-E0-A1
01132	01133	CUNRN1N2	046C046D.S-R2-D
01132	01252	CUNEN1PS	046C04E4.S-EC-D
01132	01252	CUNRN1PS	046C04E4.S-R2-D
01132	13488	CUNRN1PG	046C34B0.SU-R-D
01133	00500	CUNEN2CR	046D01F4.S-EC-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01133	00500	CUNRN2CR	046D01F4.S-R2-D
01133	01132	CUNEN2N1	046D046C.S-E0-A1
01133	01132	CUNRN2N1	046D046C.S-R2-D
01133	13488	CUNEN2PG	046D34B0.SU-E-D
01137	00037	CUNEN3AA	04710025.S-E0-D
01137	00500	CUNEN3CR	047101F4.S-E0-D
01137	00806	CUNEN3DC	04710326.S-E0-D
01137	00819	CUNEN3DH	04710333.S-E0-D
01137	13488	CUNRN3PG	047134B0.SU-R-D
01140	00037	CUNEN5AA	04740025.S-E0-D
01140	00273	CUNEN5AV	04740111.S-E0-D
01140	00273	CUNRN5AV	04740111.S-R2-D
01140	00277	CUNEN5A2	04740115.S-E0-D
01140	00277	CUNRN5A2	04740115.S-R2-D
01140	00278	CUNEN5A4	04740116.S-E0-D
01140	00278	CUNRN5A4	04740116.S-R2-D
01140	00280	CUNEN5A6	04740118.S-E0-D
01140	00280	CUNRN5A6	04740118.S-R2-D
01140	00284	CUNEN5BB	0474011C.S-E0-D
01140	00284	CUNRN5BB	0474011C.S-R2-D
01140	00285	CUNEN5BE	0474011D.S-E0-D
01140	00285	CUNRN5BE	0474011D.S-R2-D
01140	00297	CUNEN5BN	04740129.S-E0-D
01140	00297	CUNRN5BN	04740129.S-R2-D
01140	00437	CUNEN5CE	047401B5.S-E0-D
01140	00437	CUNRN5CE	047401B5.S-R2-D
01140	00500	CUNEN5CR	047401F4.S-E0-D
01140	00500	CUNLN5CR	047401F4.S-R2-D
01140	00808	CUNEN5D5	04740328.S-E0-D
01140	00808	CUNRN5D5	04740328.S-R2-D
01140	00819	CUNEN5DH	04740333.S-E0-D
01140	00819	CUNLN5DH	04740333.S-R2-D
01140	00819	CUNRN5DH	04740333.S-R2-D
01140	00850	CUNEN5EB	04740352.S-E0-D
01140	00850	CUNLN5EB	04740352.S-R2-D
01140	00850	CUNRN5EB	04740352.S-R2-D
01140	00858	CUNEN5FI	0474035A.S-E0-D
01140	00858	CUNLN5FI	0474035A.S-R2-D
01140	00858	CUNRN5FI	0474035A.S-R2-D
01140	00860	CUNEN5FM	0474035C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01140	00860	CUNRN5FM	0474035C.S-R2-D
01140	00863	CUNEN5FV	0474035F.S-E0-D
01140	00863	CUNRN5FV	0474035F.S-RC-D
01140	00871	CUNEN5GY	04740367.S-E0-D
01140	00871	CUNRN5GY	04740367.S-R2-D
01140	00872	CUNEN5G0	04740368.S-E0-D
01140	00872	CUNRN5G0	04740368.S-R2-D
01140	00901	CUNEN5HS	04740385.S-E0-D
01140	00901	CUNRN5HS	04740385.S-R2-D
01140	00902	CUNEN5HU	04740386.S-E0-D
01140	00902	CUNRN5HU	04740386.S-R2-D
01140	00923	CUNEN5IF	0474039B.S-E0-D
01140	00923	CUNRN5IF	0474039B.S-R2-D
01140	00924	CUNEN5IG	0474039C.S-E0-D
01140	00924	CUNLN5IG	0474039C.S-R2-D
01140	00924	CUNRN5IG	0474039C.S-R2-D
01140	01013	CUNEN5L6	047403F5.S-E0-D
01140	01047	CUNEN5M0	04740417.S-E0-D
01140	01047	CUNLN5M0	04740417.S-R2-D
01140	01047	CUNRN5M0	04740417.S-R2-D
01140	01051	CUNEN5M2	0474041B.S-E0-D
01140	01051	CUNRN5M2	0474041B.S-R2-D
01140	01141	CUNRN5N6	04740475.S-R2-D
01140	01142	CUNRN5N7	04740476.S-R2-D
01140	01143	CUNRN5N8	04740477.S-R2-D
01140	01144	CUNRN5N9	04740478.S-R2-D
01140	01145	CUNRN5OA	04740479.S-R2-D
01140	01146	CUNRN5OB	0474047A.S-R2-D
01140	01147	CUNRN5OC	0474047B.S-R2-D
01140	01148	CUNLN5OD	0474047C.S-R2-D
01140	01148	CUNRN5OD	0474047C.S-R2-D
01140	01149	CUNRN5OE	0474047D.S-R2-D
01140	01153	CUNEN5OF	04740481.S-E0-D
01140	01153	CUNRN5OF	04740481.S-R2-D
01140	01154	CUNEN5OG	04740482.S-E0-D
01140	01154	CUNRN5OG	04740482.S-R2-D
01140	01155	CUNEN5OH	04740483.S-E0-D
01140	01155	CUNRN5OH	04740483.S-R2-D
01140	01156	CUNEN5OI	04740484.S-E0-D
01140	01156	CUNRN5OI	04740484.S-R2-D
01140	01157	CUNEN5OJ	04740485.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01140	01157	CUNRN5OJ	04740485.S-R2-D
01140	01160	CUNEN5OM	04740488.S-E0-D
01140	01160	CUNRN5OM	04740488.S-R2-D
01140	01161	CUNEN5ON	04740489.S-E0-D
01140	01161	CUNRN5ON	04740489.S-R2-D
01140	01162	CUNEN5OO	0474048A.S-E0-D
01140	01162	CUNRN5OO	0474048A.S-R2-D
01140	01164	CUNEN5OQ	0474048C.S-E0-D
01140	01164	CUNRN5OQ	0474048C.S-R2-D
01140	01252	CUNEN5PS	047404E4.S-E0-D
01140	01252	CUNRN5PS	047404E4.S-R2-D
01140	01275	CUNEN5P6	047404FB.S-E0-D
01140	01275	CUNRN5P6	047404FB.S-R2-D
01140	04909	CUNEN5DG	0474132D.S-E0-D
01140	04909	CUNRN5DG	0474132D.S-R2-D
01140	04971	CUNEN5G9	0474136B.S-E0-D
01140	04971	CUNRN5G9	0474136B.S-R2-D
01140	05123	CUNEN5MJ	04741403.S-E0-D
01140	05348	CUNEN5PT	047414E4.S-E0-D
01140	05348	CUNRN5PT	047414E4.S-R2-D
01140	09044	CUNEN5EN	04742354.S-E0-D
01140	09044	CUNRN5EN	04742354.S-R2-D
01140	09049	CUNEN5FE	04742359.S-E0-D
01140	09049	CUNRN5FE	04742359.S-R2-D
01140	09061	CUNEN5GR	04742365.S-E0-D
01140	09061	CUNRN5GR	04742365.S-R2-D
01140	16804	CUNEN5B5	047441A4.S-E0-D
01140	16804	CUNRN5B5	047441A4.S-R2-D
01140	17248	CUNEN5F2	04744360.S-E0-D
01140	17248	CUNRN5F2	04744360.S-R2-D
01140	17584	CUNLN5PH	047444B0.SU-R-D
01140	17584	CUNRN5PH	047444B0.SU-R-D
01141	00037	CUNEN6AA	04750025.S-E0-D
01141	00037	CUNRN6AA	04750025.S-R2-D
01141	00273	CUNEN6AV	04750111.S-E0-D
01141	00277	CUNEN6A2	04750115.S-E0-D
01141	00277	CUNRN6A2	04750115.S-R2-D
01141	00278	CUNEN6A4	04750116.S-E0-D
01141	00278	CUNRN6A4	04750116.S-R2-D
01141	00280	CUNEN6A6	04750118.S-E0-D
01141	00280	CUNRN6A6	04750118.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01141	00284	CUNEN6BB	0475011C.S-E0-D
01141	00284	CUNRN6BB	0475011C.S-R2-D
01141	00285	CUNEN6BE	0475011D.S-E0-D
01141	00285	CUNRN6BE	0475011D.S-R2-D
01141	00297	CUNEN6BN	04750129.S-E0-D
01141	00297	CUNRN6BN	04750129.S-R2-D
01141	00437	CUNEN6CE	047501B5.S-E0-D
01141	00437	CUNRN6CE	047501B5.S-R2-D
01141	00500	CUNEN6CR	047501F4.S-E0-D
01141	00500	CUNLN6CR	047501F4.S-R2-D
01141	00500	CUNRN6CR	047501F4.S-R2-D
01141	00819	CUNEN6DH	04750333.S-E0-D
01141	00819	CUNLN6DH	04750333.S-R2-D
01141	00819	CUNRN6DH	04750333.S-R2-D
01141	00850	CUNEN6EB	04750352.S-E0-D
01141	00850	CUNLN6EB	04750352.S-R2-D
01141	00850	CUNRN6EB	04750352.S-R2-D
01141	00858	CUNEN6FI	0475035A.S-E0-D
01141	00858	CUNLN6FI	0475035A.S-R2-D
01141	00858	CUNRN6FI	0475035A.S-R2-D
01141	00863	CUNEN6FV	0475035F.S-E0-D
01141	00863	CUNRN6FV	0475035F.S-RC-D
01141	00871	CUNEN6GY	04750367.S-E0-D
01141	00871	CUNRN6GY	04750367.S-R2-D
01141	00872	CUNEN6G0	04750368.S-E0-D
01141	00872	CUNRN6G0	04750368.S-R2-D
01141	00923	CUNEN6IF	0475039B.S-E0-D
01141	00923	CUNRN6IF	0475039B.S-R2-D
01141	00924	CUNEN6IG	0475039C.S-E0-D
01141	00924	CUNLN6IG	0475039C.S-R2-D
01141	00924	CUNRN6IG	0475039C.S-R2-D
01141	01047	CUNEN6M0	04750417.S-E0-D
01141	01047	CUNLN6M0	04750417.S-R2-D
01141	01047	CUNRN6M0	04750417.S-R2-D
01141	01051	CUNEN6M2	0475041B.S-E0-D
01141	01051	CUNRN6M2	0475041B.S-R2-D
01141	01140	CUNRN6N5	04750474.S-R2-D
01141	01142	CUNRN6N7	04750476.S-R2-D
01141	01143	CUNRN6N8	04750477.S-R2-D
01141	01144	CUNRN6N9	04750478.S-R2-D
01141	01145	CUNRN6OA	04750479.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01141	01146	CUNRN6OB	0475047A.S-R2-D
01141	01147	CUNRN6OC	0475047B.S-R2-D
01141	01148	CUNLN6OD	0475047C.S-R2-D
01141	01148	CUNRN6OD	0475047C.S-R2-D
01141	01149	CUNRN6OE	0475047D.S-R2-D
01141	01153	CUNEN6OF	04750481.S-E0-D
01141	01153	CUNRN6OF	04750481.S-R2-D
01141	01154	CUNEN6OG	04750482.S-E0-D
01141	01154	CUNRN6OG	04750482.S-R2-D
01141	01155	CUNEN6OH	04750483.S-E0-D
01141	01155	CUNRN6OH	04750483.S-R2-D
01141	01156	CUNEN6OI	04750484.S-E0-D
01141	01156	CUNRN6OI	04750484.S-R2-D
01141	01157	CUNEN6OJ	04750485.S-E0-D
01141	01157	CUNRN6OJ	04750485.S-R2-D
01141	01160	CUNEN6OM	04750488.S-E0-D
01141	01160	CUNRN6OM	04750488.S-R2-D
01141	01161	CUNEN6ON	04750489.S-E0-D
01141	01161	CUNRN6ON	04750489.S-R2-D
01141	01162	CUNEN6OO	0475048A.S-E0-D
01141	01162	CUNRN6OO	0475048A.S-R2-D
01141	01252	CUNEN6PS	047504E4.S-E0-D
01141	01252	CUNRN6PS	047504E4.S-RC-D
01141	01275	CUNEN6P6	047504FB.S-E0-D
01141	01275	CUNRN6P6	047504FB.S-R2-D
01141	04909	CUNEN6DG	0475132D.S-E0-D
01141	04909	CUNRN6DG	0475132D.S-R2-D
01141	04971	CUNEN6G9	0475136B.S-E0-D
01141	04971	CUNRN6G9	0475136B.S-R2-D
01141	05123	CUNEN6MJ	04751403.S-E0-D
01141	05348	CUNEN6PT	047514E4.S-E0-D
01141	05348	CUNRN6PT	047514E4.S-R2-D
01141	09044	CUNEN6EN	04752354.S-E0-D
01141	09044	CUNRN6EN	04752354.S-R2-D
01141	09049	CUNEN6FE	04752359.S-E0-D
01141	09049	CUNRN6FE	04752359.S-R2-D
01141	09061	CUNEN6GR	04752365.S-E0-D
01141	09061	CUNRN6GR	04752365.S-R2-D
01141	17248	CUNEN6F2	04754360.S-E0-D
01141	17248	CUNRN6F2	04754360.S-R2-D
01141	17584	CUNLN6PH	047544B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01141	17584	CUNRN6PH	047544B0.SU-R-D
01142	00037	CUNEN7AA	04760025.S-E0-D
01142	00037	CUNRN7AA	04760025.S-R2-D
01142	00273	CUNEN7AV	04760111.S-E0-D
01142	00273	CUNRN7AV	04760111.S-R2-D
01142	00277	CUNEN7A2	04760115.S-E0-D
01142	00278	CUNEN7A4	04760116.S-E0-D
01142	00278	CUNRN7A4	04760116.S-R2-D
01142	00280	CUNEN7A6	04760118.S-E0-D
01142	00280	CUNRN7A6	04760118.S-R2-D
01142	00284	CUNEN7BB	0476011C.S-E0-D
01142	00284	CUNRN7BB	0476011C.S-R2-D
01142	00285	CUNEN7BE	0476011D.S-E0-D
01142	00285	CUNRN7BE	0476011D.S-R2-D
01142	00297	CUNEN7BN	04760129.S-E0-D
01142	00297	CUNRN7BN	04760129.S-R2-D
01142	00437	CUNEN7CE	047601B5.S-E0-D
01142	00437	CUNRN7CE	047601B5.S-R2-D
01142	00500	CUNEN7CR	047601F4.S-E0-D
01142	00500	CUNLN7CR	047601F4.S-R2-D
01142	00500	CUNRN7CR	047601F4.S-R2-D
01142	00819	CUNEN7DH	04760333.S-E0-D
01142	00819	CUNLN7DH	04760333.S-R2-D
01142	00819	CUNRN7DH	04760333.S-R2-D
01142	00850	CUNEN7EB	04760352.S-E0-D
01142	00850	CUNLN7EB	04760352.S-R2-D
01142	00850	CUNRN7EB	04760352.S-R2-D
01142	00858	CUNEN7FI	0476035A.S-E0-D
01142	00858	CUNLN7FI	0476035A.S-R2-D
01142	00858	CUNRN7FI	0476035A.S-R2-D
01142	00863	CUNEN7FV	0476035F.S-E0-D
01142	00863	CUNRN7FV	0476035F.S-RC-D
01142	00865	CUNEN7GA	04760361.S-E0-D
01142	00865	CUNRN7GA	04760361.S-R2-D
01142	00871	CUNEN7GY	04760367.S-E0-D
01142	00871	CUNRN7GY	04760367.S-R2-D
01142	00872	CUNEN7G0	04760368.S-E0-D
01142	00872	CUNRN7G0	04760368.S-R2-D
01142	00923	CUNEN7IF	0476039B.S-E0-D
01142	00923	CUNRN7IF	0476039B.S-R2-D
01142	00924	CUNEN7IG	0476039C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01142	00924	CUNLN7IG	0476039C.S-R2-D
01142	00924	CUNRN7IG	0476039C.S-R2-D
01142	01047	CUNEN7M0	04760417.S-E0-D
01142	01047	CUNLN7M0	04760417.S-R2-D
01142	01047	CUNRN7M0	04760417.S-R2-D
01142	01051	CUNEN7M2	0476041B.S-E0-D
01142	01051	CUNRN7M2	0476041B.S-R2-D
01142	01140	CUNRN7N5	04760474.S-R2-D
01142	01141	CUNRN7N6	04760475.S-R2-D
01142	01143	CUNRN7N8	04760477.S-R2-D
01142	01144	CUNRN7N9	04760478.S-R2-D
01142	01145	CUNRN7OA	04760479.S-R2-D
01142	01146	CUNRN7OB	0476047A.S-R2-D
01142	01147	CUNRN7OC	0476047B.S-R2-D
01142	01148	CUNLN7OD	0476047C.S-R2-D
01142	01148	CUNRN7OD	0476047C.S-R2-D
01142	01149	CUNRN7OE	0476047D.S-R2-D
01142	01153	CUNEN7OF	04760481.S-E0-D
01142	01153	CUNRN7OF	04760481.S-R2-D
01142	01154	CUNEN7OG	04760482.S-E0-D
01142	01154	CUNRN7OG	04760482.S-R2-D
01142	01155	CUNEN7OH	04760483.S-E0-D
01142	01155	CUNRN7OH	04760483.S-R2-D
01142	01156	CUNEN7OI	04760484.S-E0-D
01142	01156	CUNRN7OI	04760484.S-R2-D
01142	01157	CUNEN7OJ	04760485.S-E0-D
01142	01157	CUNRN7OJ	04760485.S-R2-D
01142	01160	CUNEN7OM	04760488.S-E0-D
01142	01160	CUNRN7OM	04760488.S-R2-D
01142	01161	CUNEN7ON	04760489.S-E0-D
01142	01161	CUNRN7ON	04760489.S-R2-D
01142	01162	CUNEN7OO	0476048A.S-E0-D
01142	01162	CUNRN7OO	0476048A.S-R2-D
01142	01252	CUNEN7PS	047604E4.S-E0-D
01142	01252	CUNRN7PS	047604E4.S-RC-D
01142	01275	CUNEN7P6	047604FB.S-E0-D
01142	01275	CUNRN7P6	047604FB.S-R2-D
01142	04909	CUNEN7DG	0476132D.S-E0-D
01142	04909	CUNRN7DG	0476132D.S-R2-D
01142	04971	CUNEN7G9	0476136B.S-E0-D
01142	04971	CUNRN7G9	0476136B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01142	05123	CUNEN7MJ	04761403.S-E0-D
01142	05348	CUNEN7PT	047614E4.S-E0-D
01142	05348	CUNRN7PT	047614E4.S-R2-D
01142	09044	CUNEN7EN	04762354.S-E0-D
01142	09044	CUNRN7EN	04762354.S-R2-D
01142	09049	CUNEN7FE	04762359.S-E0-D
01142	09049	CUNRN7FE	04762359.S-R2-D
01142	09061	CUNEN7GR	04762365.S-E0-D
01142	09061	CUNRN7GR	04762365.S-R2-D
01142	17248	CUNEN7F2	04764360.S-E0-D
01142	17248	CUNRN7F2	04764360.S-R2-D
01142	17584	CUNLN7PH	047644B0.SU-R-D
01142	17584	CUNRN7PH	047644B0.SU-R-D
01143	00037	CUNEN8AA	04770025.S-E0-D
01143	00037	CUNRN8AA	04770025.S-R2-D
01143	00273	CUNEN8AV	04770111.S-E0-D
01143	00273	CUNRN8AV	04770111.S-R2-D
01143	00277	CUNEN8A2	04770115.S-E0-D
01143	00277	CUNRN8A2	04770115.S-R2-D
01143	00278	CUNEN8A4	04770116.S-E0-D
01143	00280	CUNEN8A6	04770118.S-E0-D
01143	00280	CUNRN8A6	04770118.S-R2-D
01143	00284	CUNEN8BB	0477011C.S-E0-D
01143	00284	CUNRN8BB	0477011C.S-R2-D
01143	00285	CUNEN8BE	0477011D.S-E0-D
01143	00285	CUNRN8BE	0477011D.S-R2-D
01143	00297	CUNEN8BN	04770129.S-E0-D
01143	00297	CUNRN8BN	04770129.S-R2-D
01143	00437	CUNEN8CE	047701B5.S-E0-D
01143	00437	CUNRN8CE	047701B5.S-R2-D
01143	00500	CUNEN8CR	047701F4.S-E0-D
01143	00500	CUNLN8CR	047701F4.S-R2-D
01143	00500	CUNRN8CR	047701F4.S-R2-D
01143	00819	CUNEN8DH	04770333.S-E0-D
01143	00819	CUNLN8DH	04770333.S-R2-D
01143	00819	CUNRN8DH	04770333.S-R2-D
01143	00850	CUNEN8EB	04770352.S-E0-D
01143	00850	CUNLN8EB	04770352.S-R2-D
01143	00850	CUNRN8EB	04770352.S-R2-D
01143	00858	CUNEN8FI	0477035A.S-E0-D
01143	00858	CUNLN8FI	0477035A.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01143	00858	CUNRN8FI	0477035A.S-R2-D
01143	00863	CUNEN8FV	0477035F.S-E0-D
01143	00863	CUNRN8FV	0477035F.S-RC-D
01143	00865	CUNEN8GA	04770361.S-E0-D
01143	00865	CUNRN8GA	04770361.S-R2-D
01143	00871	CUNEN8GY	04770367.S-E0-D
01143	00871	CUNRN8GY	04770367.S-R2-D
01143	00872	CUNEN8G0	04770368.S-E0-D
01143	00872	CUNRN8G0	04770368.S-R2-D
01143	00923	CUNEN8IF	0477039B.S-E0-D
01143	00923	CUNRN8IF	0477039B.S-R2-D
01143	00924	CUNEN8IG	0477039C.S-E0-D
01143	00924	CUNLN8IG	0477039C.S-R2-D
01143	00924	CUNRN8IG	0477039C.S-R2-D
01143	01047	CUNEN8M0	04770417.S-E0-D
01143	01047	CUNLN8M0	04770417.S-R2-D
01143	01047	CUNRN8M0	04770417.S-R2-D
01143	01051	CUNEN8M2	0477041B.S-E0-D
01143	01051	CUNRN8M2	0477041B.S-R2-D
01143	01140	CUNRN8N5	04770474.S-R2-D
01143	01141	CUNRN8N6	04770475.S-R2-D
01143	01142	CUNRN8N7	04770476.S-R2-D
01143	01144	CUNRN8N9	04770478.S-R2-D
01143	01145	CUNRN8OA	04770479.S-R2-D
01143	01146	CUNRN8OB	0477047A.S-R2-D
01143	01147	CUNRN8OC	0477047B.S-R2-D
01143	01148	CUNLN8OD	0477047C.S-R2-D
01143	01148	CUNRN8OD	0477047C.S-R2-D
01143	01149	CUNRN8OE	0477047D.S-R2-D
01143	01153	CUNEN8OF	04770481.S-E0-D
01143	01153	CUNRN8OF	04770481.S-R2-D
01143	01154	CUNEN8OG	04770482.S-E0-D
01143	01154	CUNRN8OG	04770482.S-R2-D
01143	01155	CUNEN8OH	04770483.S-E0-D
01143	01155	CUNRN8OH	04770483.S-R2-D
01143	01156	CUNEN8OI	04770484.S-E0-D
01143	01156	CUNRN8OI	04770484.S-R2-D
01143	01157	CUNEN8OJ	04770485.S-E0-D
01143	01157	CUNRN8OJ	04770485.S-R2-D
01143	01160	CUNEN8OM	04770488.S-E0-D
01143	01160	CUNRN8OM	04770488.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01143	01161	CUNEN8ON	04770489.S-E0-D
01143	01161	CUNRN8ON	04770489.S-R2-D
01143	01162	CUNEN8OO	0477048A.S-E0-D
01143	01162	CUNRN8OO	0477048A.S-R2-D
01143	01252	CUNEN8PS	047704E4.S-E0-D
01143	01252	CUNRN8PS	047704E4.S-RC-D
01143	01275	CUNEN8P6	047704FB.S-E0-D
01143	01275	CUNRN8P6	047704FB.S-R2-D
01143	04909	CUNEN8DG	0477132D.S-E0-D
01143	04909	CUNRN8DG	0477132D.S-R2-D
01143	04971	CUNEN8G9	0477136B.S-E0-D
01143	04971	CUNRN8G9	0477136B.S-R2-D
01143	05123	CUNEN8MJ	04771403.S-E0-D
01143	05348	CUNEN8PT	047714E4.S-E0-D
01143	05348	CUNRN8PT	047714E4.S-R2-D
01143	09044	CUNEN8EN	04772354.S-E0-D
01143	09044	CUNRN8EN	04772354.S-R2-D
01143	09049	CUNEN8FE	04772359.S-E0-D
01143	09049	CUNRN8FE	04772359.S-R2-D
01143	09061	CUNEN8GR	04772365.S-E0-D
01143	09061	CUNRN8GR	04772365.S-R2-D
01143	17248	CUNEN8F2	04774360.S-E0-D
01143	17248	CUNRN8F2	04774360.S-R2-D
01143	17584	CUNLN8PH	047744B0.SU-R-D
01143	17584	CUNRN8PH	047744B0.SU-R-D
01144	00037	CUNEN9AA	04780025.S-E0-D
01144	00037	CUNRN9AA	04780025.S-R2-D
01144	00273	CUNEN9AV	04780111.S-E0-D
01144	00273	CUNRN9AV	04780111.S-R2-D
01144	00277	CUNEN9A2	04780115.S-E0-D
01144	00277	CUNRN9A2	04780115.S-R2-D
01144	00278	CUNEN9A4	04780116.S-E0-D
01144	00278	CUNRN9A4	04780116.S-R2-D
01144	00280	CUNEN9A6	04780118.S-E0-D
01144	00284	CUNEN9BB	0478011C.S-E0-D
01144	00284	CUNRN9BB	0478011C.S-R2-D
01144	00285	CUNEN9BE	0478011D.S-E0-D
01144	00285	CUNRN9BE	0478011D.S-R2-D
01144	00297	CUNEN9BN	04780129.S-E0-D
01144	00297	CUNRN9BN	04780129.S-R2-D
01144	00437	CUNEN9CE	047801B5.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01144	00437	CUNRN9CE	047801B5.S-R2-D
01144	00500	CUNEN9CR	047801F4.S-E0-D
01144	00500	CUNLN9CR	047801F4.S-R2-D
01144	00500	CUNRN9CR	047801F4.S-R2-D
01144	00819	CUNEN9DH	04780333.S-E0-D
01144	00819	CUNLN9DH	04780333.S-R2-D
01144	00819	CUNRN9DH	04780333.S-R2-D
01144	00850	CUNEN9EB	04780352.S-E0-D
01144	00850	CUNLN9EB	04780352.S-R2-D
01144	00850	CUNRN9EB	04780352.S-R2-D
01144	00858	CUNEN9FI	0478035A.S-E0-D
01144	00858	CUNLN9FI	0478035A.S-R2-D
01144	00858	CUNRN9FI	0478035A.S-R2-D
01144	00863	CUNEN9FV	0478035F.S-E0-D
01144	00863	CUNRN9FV	0478035F.S-RC-D
01144	00871	CUNEN9GY	04780367.S-E0-D
01144	00871	CUNRN9GY	04780367.S-R2-D
01144	00872	CUNEN9G0	04780368.S-E0-D
01144	00872	CUNRN9G0	04780368.S-R2-D
01144	00923	CUNEN9IF	0478039B.S-E0-D
01144	00923	CUNRN9IF	0478039B.S-R2-D
01144	00924	CUNEN9IG	0478039C.S-E0-D
01144	00924	CUNLN9IG	0478039C.S-R2-D
01144	00924	CUNRN9IG	0478039C.S-R2-D
01144	01047	CUNEN9M0	04780417.S-E0-D
01144	01047	CUNLN9M0	04780417.S-R2-D
01144	01047	CUNRN9M0	04780417.S-R2-D
01144	01051	CUNEN9M2	0478041B.S-E0-D
01144	01051	CUNRN9M2	0478041B.S-R2-D
01144	01140	CUNRN9N5	04780474.S-R2-D
01144	01141	CUNRN9N6	04780475.S-R2-D
01144	01142	CUNRN9N7	04780476.S-R2-D
01144	01143	CUNRN9N8	04780477.S-R2-D
01144	01145	CUNRN9OA	04780479.S-R2-D
01144	01146	CUNRN9OB	0478047A.S-R2-D
01144	01147	CUNRN9OC	0478047B.S-R2-D
01144	01148	CUNLN9OD	0478047C.S-R2-D
01144	01148	CUNRN9OD	0478047C.S-R2-D
01144	01149	CUNRN9OE	0478047D.S-R2-D
01144	01153	CUNEN9OF	04780481.S-E0-D
01144	01153	CUNRN9OF	04780481.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01144	01154	CUNEN9OG	04780482.S-E0-D
01144	01154	CUNRN9OG	04780482.S-R2-D
01144	01155	CUNEN9OH	04780483.S-E0-D
01144	01155	CUNRN9OH	04780483.S-R2-D
01144	01156	CUNEN9OI	04780484.S-E0-D
01144	01156	CUNRN9OI	04780484.S-R2-D
01144	01157	CUNEN9OJ	04780485.S-E0-D
01144	01157	CUNRN9OJ	04780485.S-R2-D
01144	01160	CUNEN9OM	04780488.S-E0-D
01144	01160	CUNRN9OM	04780488.S-R2-D
01144	01161	CUNEN9ON	04780489.S-E0-D
01144	01161	CUNRN9ON	04780489.S-R2-D
01144	01162	CUNEN9OO	0478048A.S-E0-D
01144	01162	CUNRN9OO	0478048A.S-R2-D
01144	01252	CUNEN9PS	047804E4.S-E0-D
01144	01252	CUNRN9PS	047804E4.S-RC-D
01144	01275	CUNEN9P6	047804FB.S-E0-D
01144	01275	CUNRN9P6	047804FB.S-R2-D
01144	04909	CUNEN9DG	0478132D.S-E0-D
01144	04909	CUNRN9DG	0478132D.S-R2-D
01144	04971	CUNEN9G9	0478136B.S-E0-D
01144	04971	CUNRN9G9	0478136B.S-R2-D
01144	05123	CUNEN9MJ	04781403.S-E0-D
01144	05348	CUNEN9PT	047814E4.S-E0-D
01144	05348	CUNRN9PT	047814E4.S-R2-D
01144	09044	CUNEN9EN	04782354.S-E0-D
01144	09044	CUNRN9EN	04782354.S-R2-D
01144	09049	CUNEN9FE	04782359.S-E0-D
01144	09049	CUNRN9FE	04782359.S-R2-D
01144	09061	CUNEN9GR	04782365.S-E0-D
01144	09061	CUNRN9GR	04782365.S-R2-D
01144	17248	CUNEN9F2	04784360.S-E0-D
01144	17248	CUNRN9F2	04784360.S-R2-D
01144	17584	CUNLN9PH	047844B0.SU-R-D
01144	17584	CUNRN9PH	047844B0.SU-R-D
01145	00037	CUNEOAAA	04790025.S-E0-D
01145	00037	CUNROAAA	04790025.S-R2-D
01145	00273	CUNEOAAV	04790111.S-E0-D
01145	00273	CUNROAAV	04790111.S-R2-D
01145	00277	CUNEOAA2	04790115.S-E0-D
01145	00277	CUNROAA2	04790115.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01145	00278	CUNEOAA4	04790116.S-E0-D
01145	00278	CUNROAA4	04790116.S-R2-D
01145	00280	CUNEOAA6	04790118.S-E0-D
01145	00280	CUNROAA6	04790118.S-R2-D
01145	00284	CUNEOABB	0479011C.S-E0-D
01145	00285	CUNEOABE	0479011D.S-E0-D
01145	00285	CUNROABE	0479011D.S-R2-D
01145	00297	CUNEOABN	04790129.S-E0-D
01145	00297	CUNROABN	04790129.S-R2-D
01145	00437	CUNEOACE	047901B5.S-E0-D
01145	00437	CUNROACE	047901B5.S-R2-D
01145	00500	CUNEOACR	047901F4.S-E0-D
01145	00500	CUNLOACR	047901F4.S-R2-D
01145	00500	CUNROACR	047901F4.S-R2-D
01145	00819	CUNEOADH	04790333.S-E0-D
01145	00819	CUNLOADH	04790333.S-R2-D
01145	00819	CUNROADH	04790333.S-R2-D
01145	00850	CUNEOAEB	04790352.S-E0-D
01145	00850	CUNLOAEB	04790352.S-R2-D
01145	00850	CUNROAEB	04790352.S-R2-D
01145	00858	CUNEOAFI	0479035A.S-E0-D
01145	00858	CUNLOAFI	0479035A.S-R2-D
01145	00858	CUNROAFI	0479035A.S-R2-D
01145	00860	CUNEOAFM	0479035C.S-E0-D
01145	00860	CUNROAFM	0479035C.S-RC-D
01145	00863	CUNEOAFV	0479035F.S-E0-D
01145	00863	CUNROAFV	0479035F.S-RC-D
01145	00871	CUNEOAGY	04790367.S-E0-D
01145	00871	CUNROAGY	04790367.S-R2-D
01145	00872	CUNEOAG0	04790368.S-E0-D
01145	00872	CUNROAG0	04790368.S-R2-D
01145	00923	CUNEOAIF	0479039B.S-E0-D
01145	00923	CUNROAIF	0479039B.S-R2-D
01145	00924	CUNEOAIG	0479039C.S-E0-D
01145	00924	CUNLOAIG	0479039C.S-R2-D
01145	00924	CUNROAIG	0479039C.S-R2-D
01145	01047	CUNEOAM0	04790417.S-E0-D
01145	01047	CUNLOAM0	04790417.S-R2-D
01145	01047	CUNROAM0	04790417.S-R2-D
01145	01051	CUNEOAM2	0479041B.S-E0-D
01145	01051	CUNROAM2	0479041B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01145	01140	CUNROAN5	04790474.S-R2-D
01145	01141	CUNROAN6	04790475.S-R2-D
01145	01142	CUNROAN7	04790476.S-R2-D
01145	01143	CUNROAN8	04790477.S-R2-D
01145	01144	CUNROAN9	04790478.S-R2-D
01145	01146	CUNROAOB	0479047A.S-R2-D
01145	01147	CUNROAOC	0479047B.S-R2-D
01145	01148	CUNLOAOAD	0479047C.S-R2-D
01145	01148	CUNROAOAD	0479047C.S-R2-D
01145	01149	CUNROAOE	0479047D.S-R2-D
01145	01153	CUNEAOAF	04790481.S-E0-D
01145	01153	CUNROAOF	04790481.S-R2-D
01145	01154	CUNEAOAG	04790482.S-E0-D
01145	01154	CUNROAOG	04790482.S-R2-D
01145	01155	CUNEAOAH	04790483.S-E0-D
01145	01155	CUNROAOH	04790483.S-R2-D
01145	01156	CUNEAOAI	04790484.S-E0-D
01145	01156	CUNROAOI	04790484.S-R2-D
01145	01157	CUNEAOAQJ	04790485.S-E0-D
01145	01157	CUNROAOJ	04790485.S-R2-D
01145	01160	CUNEAOAM	04790488.S-E0-D
01145	01160	CUNROAM	04790488.S-R2-D
01145	01161	CUNEAOAN	04790489.S-E0-D
01145	01161	CUNROAN	04790489.S-R2-D
01145	01162	CUNEAOAO	0479048A.S-E0-D
01145	01162	CUNROAOO	0479048A.S-R2-D
01145	01252	CUNEOPS	047904E4.S-E0-D
01145	01252	CUNROAPS	047904E4.S-RC-D
01145	01275	CUNEOPAP6	047904FB.S-E0-D
01145	01275	CUNROAP6	047904FB.S-R2-D
01145	04909	CUNEOADG	0479132D.S-E0-D
01145	04909	CUNROADG	0479132D.S-R2-D
01145	04971	CUNEAG9	0479136B.S-E0-D
01145	04971	CUNROAG9	0479136B.S-R2-D
01145	05123	CUNEAMJ	04791403.S-E0-D
01145	05348	CUNEAPT	047914E4.S-E0-D
01145	05348	CUNROAPT	047914E4.S-R2-D
01145	09044	CUNEAE	04792354.S-E0-D
01145	09044	CUNROAE	04792354.S-R2-D
01145	09049	CUNEAFE	04792359.S-E0-D
01145	09049	CUNROAFE	04792359.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01145	09061	CUNEOAGR	04792365.S-E0-D
01145	09061	CUNROAGR	04792365.S-R2-D
01145	17248	CUNEOAF2	04794360.S-E0-D
01145	17248	CUNROAF2	04794360.S-R2-D
01145	17584	CUNLOAPH	047944B0.SU-R-D
01145	17584	CUNROAPH	047944B0.SU-R-D
01146	00037	CUNEBOAA	047A0025.S-E0-D
01146	00037	CUNROBAA	047A0025.S-R2-D
01146	00273	CUNEBOAV	047A0111.S-E0-D
01146	00273	CUNROBAV	047A0111.S-R2-D
01146	00277	CUNEBOA2	047A0115.S-E0-D
01146	00277	CUNROBA2	047A0115.S-R2-D
01146	00278	CUNEBOA4	047A0116.S-E0-D
01146	00278	CUNROBA4	047A0116.S-R2-D
01146	00280	CUNEBOA6	047A0118.S-E0-D
01146	00280	CUNROBA6	047A0118.S-R2-D
01146	00284	CUNEBOBB	047A011C.S-E0-D
01146	00284	CUNROBBB	047A011C.S-R2-D
01146	00285	CUNEBOBE	047A011D.S-E0-D
01146	00297	CUNEBOBN	047A0129.S-E0-D
01146	00297	CUNROBBN	047A0129.S-R2-D
01146	00437	CUNEBOCE	047A01B5.S-E0-D
01146	00437	CUNROBCE	047A01B5.S-R2-D
01146	00500	CUNEBOCR	047A01F4.S-E0-D
01146	00500	CUNLOBCR	047A01F4.S-R2-D
01146	00500	CUNROBCR	047A01F4.S-R2-D
01146	00819	CUNEBODH	047A0333.S-E0-D
01146	00819	CUNLOBDH	047A0333.S-R2-D
01146	00819	CUNROBDH	047A0333.S-R2-D
01146	00850	CUNEBOBEB	047A0352.S-E0-D
01146	00850	CUNLOBEB	047A0352.S-R2-D
01146	00850	CUNROBEB	047A0352.S-R2-D
01146	00858	CUNEBOFI	047A035A.S-E0-D
01146	00858	CUNLOBFI	047A035A.S-R2-D
01146	00858	CUNROBFI	047A035A.S-R2-D
01146	00860	CUNEBOFM	047A035C.S-E0-D
01146	00860	CUNROBFM	047A035C.S-RC-D
01146	00863	CUNEBOFV	047A035F.S-E0-D
01146	00863	CUNROBFV	047A035F.S-RC-D
01146	00871	CUNEBOGY	047A0367.S-E0-D
01146	00871	CUNROBGY	047A0367.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01146	00872	CUNELOBG0	047A0368.S-E0-D
01146	00872	CUNROBG0	047A0368.S-R2-D
01146	00923	CUNELOBIF	047A039B.S-E0-D
01146	00923	CUNROBIF	047A039B.S-R2-D
01146	00924	CUNELOBIG	047A039C.S-E0-D
01146	00924	CUNLOBIG	047A039C.S-R2-D
01146	00924	CUNROBIG	047A039C.S-R2-D
01146	01047	CUNEOMB0	047A0417.S-E0-D
01146	01047	CUNLOBM0	047A0417.S-R2-D
01146	01047	CUNROBM0	047A0417.S-R2-D
01146	01051	CUNEOMB2	047A041B.S-E0-D
01146	01051	CUNROBM2	047A041B.S-R2-D
01146	01140	CUNROBN5	047A0474.S-R2-D
01146	01141	CUNROBN6	047A0475.S-R2-D
01146	01142	CUNROBN7	047A0476.S-R2-D
01146	01143	CUNROBN8	047A0477.S-R2-D
01146	01144	CUNROBN9	047A0478.S-R2-D
01146	01145	CUNROBOA	047A0479.S-R2-D
01146	01147	CUNROBOC	047A047B.S-R2-D
01146	01148	CUNLOBOD	047A047C.S-R2-D
01146	01148	CUNROBOD	047A047C.S-R2-D
01146	01149	CUNROBOE	047A047D.S-R2-D
01146	01153	CUNEBOF	047A0481.S-E0-D
01146	01153	CUNROBOF	047A0481.S-R2-D
01146	01154	CUNEBOG	047A0482.S-E0-D
01146	01154	CUNROBOG	047A0482.S-R2-D
01146	01155	CUNEBOH	047A0483.S-E0-D
01146	01155	CUNROBOH	047A0483.S-R2-D
01146	01156	CUNEBOOI	047A0484.S-E0-D
01146	01156	CUNROBOOI	047A0484.S-R2-D
01146	01157	CUNEBOOJ	047A0485.S-E0-D
01146	01157	CUNROBOJ	047A0485.S-R2-D
01146	01160	CUNEBOOM	047A0488.S-E0-D
01146	01160	CUNROBOM	047A0488.S-R2-D
01146	01161	CUNEBOON	047A0489.S-E0-D
01146	01161	CUNROBON	047A0489.S-R2-D
01146	01162	CUNEBOOO	047A048A.S-E0-D
01146	01162	CUNROBOO	047A048A.S-R2-D
01146	01252	CUNEOBPS	047A04E4.S-E0-D
01146	01252	CUNROBPS	047A04E4.S-RC-D
01146	01275	CUNEOPB6	047A04FB.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01146	01275	CUNROBP6	047A04FB.S-R2-D
01146	04909	CUNEODBG	047A132D.S-E0-D
01146	04909	CUNROBDG	047A132D.S-R2-D
01146	04971	CUNEOBG9	047A136B.S-E0-D
01146	04971	CUNROBG9	047A136B.S-R2-D
01146	05123	CUNEOMB	047A1403.S-E0-D
01146	05348	CUNEOPBT	047A14E4.S-E0-D
01146	05348	CUNROBPT	047A14E4.S-R2-D
01146	09044	CUNEOBEN	047A2354.S-E0-D
01146	09044	CUNROBEN	047A2354.S-R2-D
01146	09049	CUNEBOFE	047A2359.S-E0-D
01146	09049	CUNROBFE	047A2359.S-R2-D
01146	09061	CUNEOBGR	047A2365.S-E0-D
01146	09061	CUNROBGR	047A2365.S-R2-D
01146	17248	CUNEBOF2	047A4360.S-E0-D
01146	17248	CUNROBF2	047A4360.S-R2-D
01146	17584	CUNLOBPH	047A44B0.SU-R-D
01146	17584	CUNROBPH	047A44B0.SU-R-D
01147	00037	CUNEOCAA	047B0025.S-E0-D
01147	00037	CUNROCAA	047B0025.S-R2-D
01147	00273	CUNEOCAV	047B0111.S-E0-D
01147	00273	CUNROCAV	047B0111.S-R2-D
01147	00277	CUNEOC2	047B0115.S-E0-D
01147	00277	CUNROCA2	047B0115.S-R2-D
01147	00278	CUNEOC4	047B0116.S-E0-D
01147	00278	CUNROCA4	047B0116.S-R2-D
01147	00280	CUNEOC6	047B0118.S-E0-D
01147	00280	CUNROCA6	047B0118.S-R2-D
01147	00284	CUNEOCBB	047B011C.S-E0-D
01147	00284	CUNROCB	047B011C.S-R2-D
01147	00285	CUNEOCBE	047B011D.S-E0-D
01147	00285	CUNROCB	047B011D.S-R2-D
01147	00297	CUNEOCBN	047B0129.S-E0-D
01147	00437	CUNEOCCE	047B01B5.S-E0-D
01147	00437	CUNROCC	047B01B5.S-R2-D
01147	00500	CUNEOCR	047B01F4.S-E0-D
01147	00500	CUNLOCCR	047B01F4.S-R2-D
01147	00500	CUNROCCR	047B01F4.S-R2-D
01147	00819	CUNEOCDH	047B0333.S-E0-D
01147	00819	CUNLOCDH	047B0333.S-R2-D
01147	00819	CUNROCDH	047B0333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01147	00850	CUNEOCB	047B0352.S-E0-D
01147	00850	CUNLOCEB	047B0352.S-R2-D
01147	00850	CUNROCEB	047B0352.S-R2-D
01147	00858	CUNEOCFI	047B035A.S-E0-D
01147	00858	CUNLOCFI	047B035A.S-R2-D
01147	00858	CUNROCFI	047B035A.S-R2-D
01147	00863	CUNEOCFV	047B035F.S-E0-D
01147	00863	CUNROCFV	047B035F.S-RC-D
01147	00871	CUNEOCGY	047B0367.S-E0-D
01147	00871	CUNROCGY	047B0367.S-R2-D
01147	00872	CUNEOCG0	047B0368.S-E0-D
01147	00872	CUNROCG0	047B0368.S-R2-D
01147	00923	CUNEOCIF	047B039B.S-E0-D
01147	00923	CUNROCIF	047B039B.S-R2-D
01147	00924	CUNEOCIG	047B039C.S-E0-D
01147	00924	CUNLOCIG	047B039C.S-R2-D
01147	00924	CUNROCIG	047B039C.S-R2-D
01147	01047	CUNEOCM0	047B0417.S-E0-D
01147	01047	CUNLOCM0	047B0417.S-R2-D
01147	01047	CUNROCM0	047B0417.S-R2-D
01147	01051	CUNEOCM2	047B041B.S-E0-D
01147	01051	CUNROCM2	047B041B.S-R2-D
01147	01140	CUNROCN5	047B0474.S-R2-D
01147	01141	CUNROCN6	047B0475.S-R2-D
01147	01142	CUNROCN7	047B0476.S-R2-D
01147	01143	CUNROCN8	047B0477.S-R2-D
01147	01144	CUNROCN9	047B0478.S-R2-D
01147	01145	CUNROCOA	047B0479.S-R2-D
01147	01146	CUNROCOB	047B047A.S-R2-D
01147	01148	CUNLOCOD	047B047C.S-R2-D
01147	01148	CUNROCOD	047B047C.S-R2-D
01147	01149	CUNROCOE	047B047D.S-R2-D
01147	01153	CUNEOCOF	047B0481.S-E0-D
01147	01153	CUNROCOF	047B0481.S-R2-D
01147	01154	CUNEOCOG	047B0482.S-E0-D
01147	01154	CUNROCOG	047B0482.S-R2-D
01147	01155	CUNEOCOH	047B0483.S-E0-D
01147	01155	CUNROCOH	047B0483.S-R2-D
01147	01156	CUNEOCOI	047B0484.S-E0-D
01147	01156	CUNROCOI	047B0484.S-R2-D
01147	01157	CUNEOCOJ	047B0485.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01147	01157	CUNROCOJ	047B0485.S-R2-D
01147	01160	CUNEOCOM	047B0488.S-E0-D
01147	01160	CUNROCOM	047B0488.S-R2-D
01147	01161	CUNECON	047B0489.S-E0-D
01147	01161	CUNROCON	047B0489.S-R2-D
01147	01162	CUNEOCOO	047B048A.S-E0-D
01147	01162	CUNROCOO	047B048A.S-R2-D
01147	01252	CUNEOCPS	047B04E4.S-E0-D
01147	01252	CUNROCPSP	047B04E4.S-RC-D
01147	01275	CUNEOPC6	047B04FB.S-E0-D
01147	01275	CUNROCP6	047B04FB.S-R2-D
01147	04909	CUNEOCDG	047B132D.S-E0-D
01147	04909	CUNROCDG	047B132D.S-R2-D
01147	04971	CUNEOCG9	047B136B.S-E0-D
01147	04971	CUNROCG9	047B136B.S-R2-D
01147	05123	CUNEOCMJ	047B1403.S-E0-D
01147	05348	CUNEOCPT	047B14E4.S-E0-D
01147	05348	CUNROCPT	047B14E4.S-R2-D
01147	09044	CUNEOCEN	047B2354.S-E0-D
01147	09044	CUNROCEN	047B2354.S-R2-D
01147	09049	CUNEOCFE	047B2359.S-E0-D
01147	09049	CUNROCFE	047B2359.S-R2-D
01147	09061	CUNEOCGR	047B2365.S-E0-D
01147	09061	CUNROCGR	047B2365.S-R2-D
01147	17248	CUNEOCF2	047B4360.S-E0-D
01147	17248	CUNROCF2	047B4360.S-R2-D
01147	17584	CUNLOCPH	047B44B0.SU-R-D
01147	17584	CUNROCPH	047B44B0.SU-R-D
01148	00037	CUNEODAA	047C0025.S-E0-D
01148	00037	CUNRODAA	047C0025.S-R2-D
01148	00273	CUNEODAV	047C0111.S-E0-D
01148	00273	CUNRODAV	047C0111.S-R2-D
01148	00274	CUNEODAX	047C0112.S-E0-D
01148	00274	CUNLODAX	047C0112.S-R2-D
01148	00274	CUNRODAX	047C0112.S-R2-D
01148	00275	CUNEODAZ	047C0113.S-E0-D
01148	00275	CUNLODAZ	047C0113.S-R2-D
01148	00275	CUNRODAZ	047C0113.S-R2-D
01148	00277	CUNEODA2	047C0115.S-E0-D
01148	00277	CUNRODA2	047C0115.S-R2-D
01148	00278	CUNEODA4	047C0116.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01148	00278	CUNRODA4	047C0116.S-R2-D
01148	00280	CUNEODA6	047C0118.S-E0-D
01148	00280	CUNRODA6	047C0118.S-R2-D
01148	00281	CUNEODA8	047C0119.S-E0-D
01148	00281	CUNLODA8	047C0119.S-R2-D
01148	00281	CUNRODA8	047C0119.S-R2-D
01148	00282	CUNEODA9	047C011A.S-E0-D
01148	00282	CUNLODA9	047C011A.S-R2-D
01148	00282	CUNRODA9	047C011A.S-R2-D
01148	00284	CUNEODB	047C011C.S-E0-D
01148	00284	CUNRODB	047C011C.S-R2-D
01148	00285	CUNEODBE	047C011D.S-E0-D
01148	00285	CUNRODBE	047C011D.S-R2-D
01148	00290	CUNEODBH	047C0122.S-E0-D
01148	00290	CUNLODBH	047C0122.S-E0-D
01148	00290	CUNRODBH	047C0122.S-R2-D
01148	00297	CUNEODBN	047C0129.S-E0-D
01148	00297	CUNRODBN	047C0129.S-R2-D
01148	00437	CUNEODCE	047C01B5.S-E0-D
01148	00437	CUNRODCE	047C01B5.S-R2-D
01148	00500	CUNEODCR	047C01F4.S-E0-D
01148	00808	CUNEODD5	047C0328.S-E0-D
01148	00808	CUNRODD5	047C0328.S-R2-D
01148	00819	CUNEODDH	047C0333.S-E0-D
01148	00819	CUNLODDH	047C0333.S-R2-D
01148	00819	CUNRODDH	047C0333.S-R2-D
01148	00848	CUNEODD7	047C0350.S-E0-D
01148	00848	CUNRODD7	047C0350.S-R2-D
01148	00849	CUNEODD9	047C0351.S-E0-D
01148	00849	CUNRODD9	047C0351.S-R2-D
01148	00850	CUNEODEB	047C0352.S-E0-D
01148	00850	CUNLODEB	047C0352.S-R2-D
01148	00850	CUNRODEB	047C0352.S-R2-D
01148	00858	CUNEODFI	047C035A.S-E0-D
01148	00858	CUNLODFI	047C035A.S-R2-D
01148	00858	CUNRODFI	047C035A.S-R2-D
01148	00860	CUNEODFM	047C035C.S-E0-D
01148	00860	CUNRODFM	047C035C.S-RC-D
01148	00861	CUNEODFP	047C035D.S-E0-D
01148	00861	CUNRODFP	047C035D.S-R2-D
01148	00863	CUNEODFV	047C035F.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01148	00863	CUNRODFV	047C035F.S-RC-D
01148	00865	CUNEODGA	047C0361.S-E0-D
01148	00865	CUNRODGА	047C0361.S-R2-D
01148	00871	CUNEODGY	047C0367.S-E0-D
01148	00871	CUNRODGY	047C0367.S-R2-D
01148	00872	CUNEODG0	047C0368.S-E0-D
01148	00872	CUNRODG0	047C0368.S-R2-D
01148	00901	CUNEODHS	047C0385.S-E0-D
01148	00901	CUNRODHС	047C0385.S-R2-D
01148	00902	CUNEODHU	047C0386.S-E0-D
01148	00902	CUNRODHU	047C0386.S-R2-D
01148	00923	CUNEODIF	047C039B.S-E0-D
01148	00923	CUNRODIF	047C039B.S-R2-D
01148	00924	CUNEODIG	047C039C.S-E0-D
01148	00924	CUNLODIG	047C039C.S-R2-D
01148	00924	CUNRODIG	047C039C.S-R2-D
01148	01027	CUNEODMI	047C0403.S-E0-D
01148	01027	CUNLODMI	047C0403.S-E0-D
01148	01027	CUNRODMI	047C0403.S-R2-D
01148	01047	CUNEODM0	047C0417.S-E0-D
01148	01047	CUNLODM0	047C0417.S-R2-D
01148	01047	CUNRODM0	047C0417.S-R2-D
01148	01051	CUNEODM2	047C041B.S-E0-D
01148	01051	CUNRODM2	047C041B.S-R2-D
01148	01123	CUNEODNQ	047C0463.S-E0-D
01148	01123	CUNRODNQ	047C0463.S-R2-D
01148	01140	CUNLODN5	047C0474.S-R2-D
01148	01140	CUNRODN5	047C0474.S-R2-D
01148	01141	CUNLODN6	047C0475.S-R2-D
01148	01141	CUNRODN6	047C0475.S-R2-D
01148	01142	CUNLODN7	047C0476.S-R2-D
01148	01142	CUNRODN7	047C0476.S-R2-D
01148	01143	CUNLODN8	047C0477.S-R2-D
01148	01143	CUNRODN8	047C0477.S-R2-D
01148	01144	CUNLODN9	047C0478.S-R2-D
01148	01144	CUNRODN9	047C0478.S-R2-D
01148	01145	CUNLODOA	047C0479.S-R2-D
01148	01145	CUNRODOA	047C0479.S-R2-D
01148	01146	CUNLODOB	047C047A.S-R2-D
01148	01146	CUNRODOB	047C047A.S-R2-D
01148	01147	CUNLODOC	047C047B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01148	01147	CUNRODOC	047C047B.S-R2-D
01148	01149	CUNLODOE	047C047D.S-R2-D
01148	01149	CUNRODOE	047C047D.S-R2-D
01148	01153	CUNEODOF	047C0481.S-E0-D
01148	01153	CUNRODOF	047C0481.S-R2-D
01148	01154	CUNEODOG	047C0482.S-E0-D
01148	01154	CUNRODOG	047C0482.S-R2-D
01148	01155	CUNEODOH	047C0483.S-E0-D
01148	01155	CUNRODOH	047C0483.S-R2-D
01148	01156	CUNEODOI	047C0484.S-E0-D
01148	01156	CUNRODOI	047C0484.S-R2-D
01148	01157	CUNEODOJ	047C0485.S-E0-D
01148	01157	CUNRODJ	047C0485.S-R2-D
01148	01158	CUNEODOK	047C0486.S-E0-D
01148	01158	CUNRODOK	047C0486.S-R2-D
01148	01159	CUNEODOL	047C0487.S-E0-D
01148	01159	CUNRODOL	047C0487.S-R2-D
01148	01160	CUNEODOM	047C0488.S-E0-D
01148	01160	CUNRODOM	047C0488.S-R2-D
01148	01161	CUNEODON	047C0489.S-E0-D
01148	01161	CUNRODON	047C0489.S-R2-D
01148	01162	CUNEODOO	047C048A.S-E0-D
01148	01162	CUNROOO	047C048A.S-R2-D
01148	01163	CUNEODOP	047C048B.S-E0-D
01148	01163	CUNRODOP	047C048B.S-R2-D
01148	01164	CUNEODOQ	047C048C.S-E0-D
01148	01164	CUNRODOQ	047C048C.S-R2-D
01148	01252	CUNEODPS	047C04E4.S-E0-D
01148	01252	CUNRODPS	047C04E4.S-RC-D
01148	01275	CUNEODP6	047C04FB.S-E0-D
01148	01275	CUNRODP6	047C04FB.S-R2-D
01148	04899	CUNEODDB	047C1323.S-E0-D
01148	04899	CUNRODDB	047C1323.S-R2-D
01148	04909	CUNEODDG	047C132D.S-E0-D
01148	04909	CUNRODDG	047C132D.S-R2-D
01148	04971	CUNEODG9	047C136B.S-E0-D
01148	04971	CUNRODG9	047C136B.S-R2-D
01148	05123	CUNEODMJ	047C1403.S-E0-D
01148	05210	CUNEODNJ	047C145A.S-E0-D
01148	05210	CUNRODNJ	047C145A.S-R2-D
01148	05346	CUNEODPP	047C14E2.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01148	05346	CUNRODPP	047C14E2.S-R2-D
01148	05347	CUNEODPR	047C14E3.S-E0-D
01148	05347	CUNRODPR	047C14E3.S-R2-D
01148	05348	CUNEODPT	047C14E4.S-E0-D
01148	05348	CUNRODPT	047C14E4.S-R2-D
01148	05349	CUNEODPV	047C14E5.S-E0-D
01148	05349	CUNRODPV	047C14E5.S-R2-D
01148	05351	CUNEODPZ	047C14E7.S-E0-D
01148	05351	CUNRODPZ	047C14E7.S-R2-D
01148	05352	CUNEODP1	047C14E8.S-E0-D
01148	05352	CUNRODP1	047C14E8.S-R2-D
01148	05354	CUNEODP5	047C14EA.S-E0-D
01148	05354	CUNRODP5	047C14EA.S-R2-D
01148	08482	CUNEODB1	047C2122.S-E0-D
01148	08482	CUNRODBJ	047C2122.S-R2-D
01148	09044	CUNEODEN	047C2354.S-E0-D
01148	09044	CUNRODEN	047C2354.S-R2-D
01148	09049	CUNEODFE	047C2359.S-E0-D
01148	09049	CUNRODFE	047C2359.S-R2-D
01148	09061	CUNEODGR	047C2365.S-E0-D
01148	09061	CUNRODGR	047C2365.S-R2-D
01148	09238	CUNEODMZ	047C2416.S-E0-D
01148	09238	CUNRODMZ	047C2416.S-R2-D
01148	12712	CUNEODCD	047C31A8.S-E0-D
01148	12712	CUNRODCD	047C31A8.S-R2-D
01148	16804	CUNEODB5	047C41A4.S-E0-D
01148	16804	CUNRODB5	047C41A4.S-R2-D
01148	17248	CUNEODF2	047C4360.S-E0-D
01148	17248	CUNRODF2	047C4360.S-R2-D
01148	17584	CUNLODPH	047C44B0.SU-R-D
01148	17584	CUNRODPH	047C44B0.SU-R-D
01149	00037	CUNEOEAA	047D0025.S-E0-D
01149	00037	CUNROEAA	047D0025.S-R2-D
01149	00273	CUNEOEAV	047D0111.S-E0-D
01149	00273	CUNROEAV	047D0111.S-R2-D
01149	00277	CUNEOEA2	047D0115.S-E0-D
01149	00277	CUNROEA2	047D0115.S-R2-D
01149	00278	CUNEOE4	047D0116.S-E0-D
01149	00278	CUNROEA4	047D0116.S-R2-D
01149	00280	CUNEOE6	047D0118.S-E0-D
01149	00280	CUNROEA6	047D0118.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01149	00284	CUNEOEBB	047D011C.S-E0-D
01149	00284	CUNROEBB	047D011C.S-R2-D
01149	00285	CUNEOEBE	047D011D.S-E0-D
01149	00285	CUNROEBE	047D011D.S-R2-D
01149	00297	CUNEOEBN	047D0129.S-E0-D
01149	00297	CUNROEBN	047D0129.S-R2-D
01149	00437	CUNEOECE	047D01B5.S-E0-D
01149	00437	CUNROECE	047D01B5.S-R2-D
01149	00500	CUNEOECR	047D01F4.S-E0-D
01149	00500	CUNLOECR	047D01F4.S-R2-D
01149	00500	CUNROECR	047D01F4.S-R2-D
01149	00819	CUNEOEDH	047D0333.S-E0-D
01149	00819	CUNLOEDH	047D0333.S-R2-D
01149	00819	CUNROEDH	047D0333.S-R2-D
01149	00850	CUNEOEEB	047D0352.S-E0-D
01149	00850	CUNLOEEB	047D0352.S-R2-D
01149	00850	CUNROEEB	047D0352.S-R2-D
01149	00858	CUNEOEFI	047D035A.S-E0-D
01149	00858	CUNLOEFI	047D035A.S-R2-D
01149	00858	CUNROEFI	047D035A.S-R2-D
01149	00861	CUNEOEFP	047D035D.S-E0-D
01149	00861	CUNROEFP	047D035D.S-R2-D
01149	00863	CUNEOEFV	047D035F.S-E0-D
01149	00863	CUNROEFV	047D035F.S-RC-D
01149	00871	CUNEOEGY	047D0367.S-E0-D
01149	00872	CUNEOEG0	047D0368.S-E0-D
01149	00872	CUNROEG0	047D0368.S-R2-D
01149	00923	CUNEOEIF	047D039B.S-E0-D
01149	00923	CUNROEIF	047D039B.S-R2-D
01149	00924	CUNEOEIG	047D039C.S-E0-D
01149	00924	CUNLOEIG	047D039C.S-R2-D
01149	00924	CUNROEIG	047D039C.S-R2-D
01149	01047	CUNEOEM0	047D0417.S-E0-D
01149	01047	CUNLOEM0	047D0417.S-R2-D
01149	01047	CUNROEM0	047D0417.S-R2-D
01149	01051	CUNEOEM2	047D041B.S-E0-D
01149	01051	CUNROEM2	047D041B.S-R2-D
01149	01140	CUNROEN5	047D0474.S-R2-D
01149	01141	CUNROEN6	047D0475.S-R2-D
01149	01142	CUNROEN7	047D0476.S-R2-D
01149	01143	CUNROEN8	047D0477.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01149	01144	CUNROEN9	047D0478.S-R2-D
01149	01145	CUNROEOA	047D0479.S-R2-D
01149	01146	CUNROEOB	047D047A.S-R2-D
01149	01147	CUNROEOC	047D047B.S-R2-D
01149	01148	CUNLOEOD	047D047C.S-R2-D
01149	01148	CUNROEOD	047D047C.S-R2-D
01149	01153	CUNEEOF	047D0481.S-E0-D
01149	01153	CUNROEOF	047D0481.S-R2-D
01149	01154	CUNEEOEG	047D0482.S-E0-D
01149	01154	CUNROEOG	047D0482.S-R2-D
01149	01155	CUNEEOEH	047D0483.S-E0-D
01149	01156	CUNEEOOI	047D0484.S-E0-D
01149	01156	CUNROEOI	047D0484.S-R2-D
01149	01157	CUNEEOOJ	047D0485.S-E0-D
01149	01157	CUNROEOJ	047D0485.S-R2-D
01149	01160	CUNEOEOM	047D0488.S-E0-D
01149	01160	CUNROEOM	047D0488.S-R2-D
01149	01161	CUNEEOON	047D0489.S-E0-D
01149	01161	CUNROEON	047D0489.S-R2-D
01149	01162	CUNEEOOO	047D048A.S-E0-D
01149	01162	CUNROEOOO	047D048A.S-R2-D
01149	01252	CUNEOPSP	047D04E4.S-E0-D
01149	01252	CUNROEPS	047D04E4.S-RC-D
01149	01275	CUNEOP6	047D04FB.S-E0-D
01149	01275	CUNROEP6	047D04FB.S-R2-D
01149	04909	CUNEODEG	047D132D.S-E0-D
01149	04909	CUNROEDG	047D132D.S-R2-D
01149	04971	CUNEOG9	047D136B.S-E0-D
01149	04971	CUNROEG9	047D136B.S-R2-D
01149	05123	CUNEOMEMJ	047D1403.S-E0-D
01149	05348	CUNEOPPT	047D14E4.S-E0-D
01149	05348	CUNROEPT	047D14E4.S-R2-D
01149	09044	CUNEOEEN	047D2354.S-E0-D
01149	09044	CUNROEEN	047D2354.S-R2-D
01149	09049	CUNEEOF	047D2359.S-E0-D
01149	09049	CUNROEFE	047D2359.S-R2-D
01149	09061	CUNEOEGR	047D2365.S-E0-D
01149	09061	CUNROEGR	047D2365.S-R2-D
01149	17248	CUNEEOF2	047D4360.S-E0-D
01149	17248	CUNROEF2	047D4360.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01149	17584	CUNLOEPh	047D44B0.SU-R-D
01149	17584	CUNROEPh	047D44B0.SU-R-D
01153	00808	CUNEOfD5	04810328.S-E0-D
01153	00808	CUNROFD5	04810328.S-R2-D
01153	00858	CUNEOffI	0481035A.S-E0-D
01153	00858	CUNROFFI	0481035A.S-R2-D
01153	00859	CUNEOffK	0481035B.S-E0-D
01153	00859	CUNROFFK	0481035B.S-R2-D
01153	00867	CUNEOfGf	04810363.S-E0-D
01153	00867	CUNROFGF	04810363.S-R2-D
01153	00872	CUNEOfG0	04810368.S-E0-D
01153	00872	CUNROFG0	04810368.S-R2-D
01153	00923	CUNEOfIf	0481039B.S-E0-D
01153	00923	CUNROFIf	0481039B.S-R2-D
01153	00924	CUNEOfG	0481039C.S-E0-D
01153	00924	CUNROFIG	0481039C.S-R2-D
01153	01140	CUNEOfN5	04810474.S-E0-D
01153	01140	CUNROFN5	04810474.S-R2-D
01153	01141	CUNEOfN6	04810475.S-E0-D
01153	01141	CUNROFN6	04810475.S-R2-D
01153	01142	CUNEOfN7	04810476.S-E0-D
01153	01142	CUNROFN7	04810476.S-R2-D
01153	01143	CUNEOfN8	04810477.S-E0-D
01153	01143	CUNROFN8	04810477.S-R2-D
01153	01144	CUNEOfN9	04810478.S-E0-D
01153	01144	CUNROFN9	04810478.S-R2-D
01153	01145	CUNEOfOA	04810479.S-E0-D
01153	01145	CUNROFOA	04810479.S-R2-D
01153	01146	CUNEOfOB	0481047A.S-E0-D
01153	01146	CUNROFOB	0481047A.S-R2-D
01153	01147	CUNEOfOC	0481047B.S-E0-D
01153	01147	CUNROFOC	0481047B.S-R2-D
01153	01148	CUNEOfOD	0481047C.S-E0-D
01153	01148	CUNROFOD	0481047C.S-R2-D
01153	01149	CUNEOfOE	0481047D.S-E0-D
01153	01149	CUNROFOE	0481047D.S-R2-D
01153	01154	CUNEOfOG	04810482.S-E0-D
01153	01154	CUNROFOG	04810482.S-R2-D
01153	01155	CUNEOfOH	04810483.S-E0-D
01153	01155	CUNROFOH	04810483.S-R2-D
01153	01156	CUNEOfOI	04810484.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01153	01156	CUNROFOI	04810484.S-R2-D
01153	01157	CUNEFOFOJ	04810485.S-E0-D
01153	01157	CUNROFOJ	04810485.S-R2-D
01153	01160	CUNEFOFOM	04810488.S-E0-D
01153	01160	CUNROFOM	04810488.S-R2-D
01153	01161	CUNEFOFON	04810489.S-E0-D
01153	01161	CUNROFON	04810489.S-R2-D
01153	01162	CUNEFOFOO	0481048A.S-E0-D
01153	01162	CUNROFOO	0481048A.S-R2-D
01153	04909	CUNEFOFDG	0481132D.S-E0-D
01153	04909	CUNROFDG	0481132D.S-R2-D
01153	04971	CUNEFOFG9	0481136B.S-E0-D
01153	04971	CUNROFG9	0481136B.S-R2-D
01153	05346	CUNEFOFPP	048114E2.S-E0-D
01153	05346	CUNROFPP	048114E2.S-R2-D
01153	05348	CUNEFOFPT	048114E4.S-E0-D
01153	05348	CUNROFPT	048114E4.S-R2-D
01153	09044	CUNEFOFEN	04812354.S-E0-D
01153	09044	CUNROFEN	04812354.S-R2-D
01153	09049	CUNEFOFFE	04812359.S-E0-D
01153	09049	CUNROFFE	04812359.S-R2-D
01153	09061	CUNEFOFGR	04812365.S-E0-D
01153	09061	CUNROFGR	04812365.S-R2-D
01153	17248	CUNEFOFF2	04814360.S-E0-D
01153	17248	CUNROFF2	04814360.S-R2-D
01153	17584	CUNROFPH	048144B0.SU-R-D
01154	00808	CUNEFGD5	04820328.S-E0-D
01154	00808	CUNROGD5	04820328.S-R2-D
01154	00848	CUNROGD7	04820350.S-R2-D
01154	00849	CUNEFGD9	04820351.S-E0-D
01154	00849	CUNROGD9	04820351.S-R2-D
01154	00858	CUNEFGFI	0482035A.S-E0-D
01154	00858	CUNROGFI	0482035A.S-R2-D
01154	00859	CUNEFGFK	0482035B.S-E0-D
01154	00859	CUNROGFK	0482035B.S-R2-D
01154	00867	CUNEFGGF	04820363.S-E0-D
01154	00867	CUNROGGF	04820363.S-R2-D
01154	00872	CUNEFGGO	04820368.S-E0-D
01154	00872	CUNROGG0	04820368.S-R2-D
01154	00923	CUNEFGIF	0482039B.S-E0-D
01154	00923	CUNROGIF	0482039B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01154	00924	CUNEOGIG	0482039C.S-E0-D
01154	00924	CUNROGIG	0482039C.S-R2-D
01154	01140	CUNEogn5	04820474.S-E0-D
01154	01140	CUNROGN5	04820474.S-R2-D
01154	01141	CUNEogn6	04820475.S-E0-D
01154	01141	CUNROGN6	04820475.S-R2-D
01154	01142	CUNEogn7	04820476.S-E0-D
01154	01142	CUNROGN7	04820476.S-R2-D
01154	01143	CUNEogn8	04820477.S-E0-D
01154	01143	CUNROGN8	04820477.S-R2-D
01154	01144	CUNEogn9	04820478.S-E0-D
01154	01144	CUNROGN9	04820478.S-R2-D
01154	01145	CUNEOGOA	04820479.S-E0-D
01154	01145	CUNROGOA	04820479.S-R2-D
01154	01146	CUNEOGOB	0482047A.S-E0-D
01154	01146	CUNROGOB	0482047A.S-R2-D
01154	01147	CUNEOGOC	0482047B.S-E0-D
01154	01147	CUNROGOC	0482047B.S-R2-D
01154	01148	CUNEOGOD	0482047C.S-E0-D
01154	01148	CUNROGOD	0482047C.S-R2-D
01154	01149	CUNEOGOE	0482047D.S-E0-D
01154	01149	CUNROGOE	0482047D.S-R2-D
01154	01153	CUNEOGOF	04820481.S-E0-D
01154	01153	CUNROGOF	04820481.S-R2-D
01154	01155	CUNEOGOH	04820483.S-E0-D
01154	01155	CUNROGOH	04820483.S-R2-D
01154	01156	CUNEOGOI	04820484.S-E0-D
01154	01156	CUNROGOI	04820484.S-R2-D
01154	01157	CUNEOGOJ	04820485.S-E0-D
01154	01157	CUNROGOJ	04820485.S-R2-D
01154	01160	CUNEOGOM	04820488.S-E0-D
01154	01160	CUNROGOM	04820488.S-R2-D
01154	01161	CUNEOGON	04820489.S-E0-D
01154	01161	CUNROGON	04820489.S-R2-D
01154	01162	CUNEOGOO	0482048A.S-E0-D
01154	01162	CUNROGOO	0482048A.S-R2-D
01154	04909	CUNEOGDG	0482132D.S-E0-D
01154	04909	CUNROGDG	0482132D.S-R2-D
01154	04971	CUNEogg9	0482136B.S-E0-D
01154	04971	CUNROGG9	0482136B.S-R2-D
01154	05123	CUNEOMGMJ	04821403.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01154	05347	CUNEOGPR	048214E3.S-E0-D
01154	05347	CUNROGPR	048214E3.S-R2-D
01154	05348	CUNEOGPT	048214E4.S-E0-D
01154	05348	CUNROGPT	048214E4.S-R2-D
01154	09044	CUNEogen	04822354.S-E0-D
01154	09044	CUNROGEN	04822354.S-R2-D
01154	09049	CUNEOGFE	04822359.S-E0-D
01154	09049	CUNROGFE	04822359.S-R2-D
01154	09061	CUNEOGGR	04822365.S-E0-D
01154	09061	CUNROGGR	04822365.S-R2-D
01154	16804	CUNEGB5	048241A4.S-E0-D
01154	16804	CUNRGB5	048241A4.S-R2-D
01154	17248	CUNEOLF2	04824360.S-E0-D
01154	17248	CUNROGF2	04824360.S-R2-D
01154	17584	CUNROGPH	048244B0.SU-R-D
01155	00858	CUNEohfi	0483035A.S-E0-D
01155	00858	CUNROHFI	0483035A.S-R2-D
01155	00859	CUNEohfk	0483035B.S-E0-D
01155	00859	CUNROHFk	0483035B.S-R2-D
01155	00867	CUNEohgf	04830363.S-E0-D
01155	00867	CUNROHGF	04830363.S-R2-D
01155	00872	CUNEohg0	04830368.S-E0-D
01155	00872	CUNROHG0	04830368.S-R2-D
01155	00923	CUNEohif	0483039B.S-E0-D
01155	00923	CUNROHIF	0483039B.S-R2-D
01155	00924	CUNEohig	0483039C.S-E0-D
01155	00924	CUNROHIG	0483039C.S-R2-D
01155	01140	CUNEohn5	04830474.S-E0-D
01155	01140	CUNROHN5	04830474.S-R2-D
01155	01141	CUNEohn6	04830475.S-E0-D
01155	01141	CUNROHN6	04830475.S-R2-D
01155	01142	CUNEohn7	04830476.S-E0-D
01155	01142	CUNROHN7	04830476.S-R2-D
01155	01143	CUNEohn8	04830477.S-E0-D
01155	01143	CUNROHN8	04830477.S-R2-D
01155	01144	CUNEohn9	04830478.S-E0-D
01155	01144	CUNROHN9	04830478.S-R2-D
01155	01145	CUNEohoA	04830479.S-E0-D
01155	01145	CUNROHOA	04830479.S-R2-D
01155	01146	CUNEohob	0483047A.S-E0-D
01155	01146	CUNROHOB	0483047A.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01155	01147	CUNEOHOC	0483047B.S-E0-D
01155	01147	CUNROHOC	0483047B.S-R2-D
01155	01148	CUNEOHOD	0483047C.S-E0-D
01155	01148	CUNROHOD	0483047C.S-R2-D
01155	01149	CUNEOHOE	0483047D.S-E0-D
01155	01149	CUNROHOE	0483047D.S-R2-D
01155	01153	CUNEOHOF	04830481.S-E0-D
01155	01153	CUNROHOF	04830481.S-R2-D
01155	01154	CUNEOHOG	04830482.S-E0-D
01155	01154	CUNROHOG	04830482.S-R2-D
01155	01156	CUNEOHOI	04830484.S-E0-D
01155	01156	CUNROHOI	04830484.S-R2-D
01155	01157	CUNEOHOJ	04830485.S-E0-D
01155	01157	CUNROHOJ	04830485.S-R2-D
01155	01160	CUNEOHOM	04830488.S-E0-D
01155	01160	CUNROHOM	04830488.S-R2-D
01155	01161	CUNEOHON	04830489.S-E0-D
01155	01161	CUNROHON	04830489.S-R2-D
01155	01162	CUNEOHOO	0483048A.S-E0-D
01155	01162	CUNROHOO	0483048A.S-R2-D
01155	04909	CUNEOHDG	0483132D.S-E0-D
01155	04909	CUNROHDG	0483132D.S-R2-D
01155	04971	CUNEOHG9	0483136B.S-E0-D
01155	04971	CUNROHG9	0483136B.S-R2-D
01155	05348	CUNEOHPT	048314E4.S-E0-D
01155	05348	CUNROHPT	048314E4.S-R2-D
01155	05350	CUNEOHPX	048314E6.S-E0-D
01155	05350	CUNROHPX	048314E6.S-R2-D
01155	09044	CUNEOHEN	04832354.S-E0-D
01155	09044	CUNROHEN	04832354.S-R2-D
01155	09049	CUNEOHFE	04832359.S-E0-D
01155	09049	CUNROHFE	04832359.S-R2-D
01155	09061	CUNEOHGR	04832365.S-E0-D
01155	09061	CUNROHGR	04832365.S-R2-D
01155	16804	CUNEOHB5	048341A4.S-E0-D
01155	16804	CUNROHB5	048341A4.S-R2-D
01155	17248	CUNEOHF2	04834360.S-E0-D
01155	17248	CUNROHF2	04834360.S-R2-D
01155	17584	CUNROPH	048344B0.SU-R-D
01156	00858	CUNEOIFI	0484035A.S-E0-D
01156	00858	CUNROIFI	0484035A.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01156	00859	CUNEOIFK	0484035B.S-E0-D
01156	00859	CUNROIFK	0484035B.S-R2-D
01156	00901	CUNEOIHS	04840385.S-E0-D
01156	00901	CUNROIHS	04840385.S-R2-D
01156	00902	CUNEOIHU	04840386.S-E0-D
01156	00902	CUNROIHU	04840386.S-R2-D
01156	00923	CUNEOIIF	0484039B.S-E0-D
01156	00923	CUNROIIF	0484039B.S-R2-D
01156	00924	CUNEOIIG	0484039C.S-E0-D
01156	00924	CUNROIIG	0484039C.S-R2-D
01156	01140	CUNEOIN5	04840474.S-E0-D
01156	01140	CUNROIIN5	04840474.S-R2-D
01156	01141	CUNEOIN6	04840475.S-E0-D
01156	01141	CUNROIIN6	04840475.S-R2-D
01156	01142	CUNEOIN7	04840476.S-E0-D
01156	01142	CUNROIIN7	04840476.S-R2-D
01156	01143	CUNEOIN8	04840477.S-E0-D
01156	01143	CUNROIIN8	04840477.S-R2-D
01156	01144	CUNEOIN9	04840478.S-E0-D
01156	01144	CUNROIIN9	04840478.S-R2-D
01156	01145	CUNEOIOA	04840479.S-E0-D
01156	01145	CUNROIIOA	04840479.S-R2-D
01156	01146	CUNEOIOB	0484047A.S-E0-D
01156	01146	CUNROIIOB	0484047A.S-R2-D
01156	01147	CUNEOIOC	0484047B.S-E0-D
01156	01147	CUNROIIOC	0484047B.S-R2-D
01156	01148	CUNEOIOD	0484047C.S-E0-D
01156	01148	CUNROIOD	0484047C.S-R2-D
01156	01149	CUNEOIOE	0484047D.S-E0-D
01156	01149	CUNROIOE	0484047D.S-R2-D
01156	01153	CUNEOIOF	04840481.S-E0-D
01156	01153	CUNROI OF	04840481.S-R2-D
01156	01154	CUNEOIOG	04840482.S-E0-D
01156	01154	CUNROI OG	04840482.S-R2-D
01156	01155	CUNEOIOH	04840483.S-E0-D
01156	01155	CUNROI OH	04840483.S-R2-D
01156	01157	CUNEOIOJ	04840485.S-E0-D
01156	01157	CUNROI OJ	04840485.S-R2-D
01156	01160	CUNEOIOM	04840488.S-E0-D
01156	01160	CUNROI OM	04840488.S-R2-D
01156	04971	CUNEOIG9	0484136B.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01156	04971	CUNROIG9	0484136B.S-R2-D
01156	05123	CUNEOMIMJ	04841403.S-E0-D
01156	05348	CUNEOPPT	048414E4.S-E0-D
01156	05348	CUNROIPT	048414E4.S-R2-D
01156	05353	CUNEOPP3	048414E9.S-E0-D
01156	05353	CUNROIP3	048414E9.S-R2-D
01156	12712	CUNEOCID	048431A8.S-E0-D
01156	12712	CUNROICD	048431A8.S-R2-D
01156	16804	CUNEOB5	048441A4.S-E0-D
01156	16804	CUNROIB5	048441A4.S-R2-D
01156	17584	CUNROIPH	048444B0.SU-R-D
01157	00858	CUNEQJFI	0485035A.S-E0-D
01157	00858	CUNROJFI	0485035A.S-R2-D
01157	00859	CUNEQJFK	0485035B.S-E0-D
01157	00859	CUNROJFK	0485035B.S-R2-D
01157	00901	CUNEQJHS	04850385.S-E0-D
01157	00901	CUNROJHS	04850385.S-R2-D
01157	00902	CUNEQJHU	04850386.S-E0-D
01157	00902	CUNROJHU	04850386.S-R2-D
01157	00923	CUNEQJIF	0485039B.S-E0-D
01157	00923	CUNROJIF	0485039B.S-R2-D
01157	00924	CUNEQJIG	0485039C.S-E0-D
01157	00924	CUNROJIG	0485039C.S-R2-D
01157	01140	CUNEQJN5	04850474.S-E0-D
01157	01140	CUNROJN5	04850474.S-R2-D
01157	01141	CUNEQJN6	04850475.S-E0-D
01157	01141	CUNROJN6	04850475.S-R2-D
01157	01142	CUNEQJN7	04850476.S-E0-D
01157	01142	CUNROJN7	04850476.S-R2-D
01157	01143	CUNEQJN8	04850477.S-E0-D
01157	01143	CUNROJN8	04850477.S-R2-D
01157	01144	CUNEQJN9	04850478.S-E0-D
01157	01144	CUNROJN9	04850478.S-R2-D
01157	01145	CUNEQJOA	04850479.S-E0-D
01157	01145	CUNROJOA	04850479.S-R2-D
01157	01146	CUNEQJOB	0485047A.S-E0-D
01157	01146	CUNROJOB	0485047A.S-R2-D
01157	01147	CUNEQJOC	0485047B.S-E0-D
01157	01147	CUNROJOC	0485047B.S-R2-D
01157	01148	CUNEQJOD	0485047C.S-E0-D
01157	01148	CUNROJOD	0485047C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01157	01149	CUNEOJOE	0485047D.S-E0-D
01157	01149	CUNROJOE	0485047D.S-R2-D
01157	01153	CUNEOJOF	04850481.S-E0-D
01157	01153	CUNROJOF	04850481.S-R2-D
01157	01154	CUNEOJOG	04850482.S-E0-D
01157	01154	CUNROJOG	04850482.S-R2-D
01157	01155	CUNEOJOH	04850483.S-E0-D
01157	01155	CUNROJOH	04850483.S-R2-D
01157	01156	CUNEOJOI	04850484.S-E0-D
01157	01156	CUNROJOI	04850484.S-R2-D
01157	01160	CUNEOJOM	04850488.S-E0-D
01157	01160	CUNROJOM	04850488.S-R2-D
01157	04971	CUNEOJG9	0485136B.S-E0-D
01157	04971	CUNROJG9	0485136B.S-R2-D
01157	05123	CUNEOJMJ	04851403.S-E0-D
01157	05348	CUNEOJPT	048514E4.S-E0-D
01157	05348	CUNROJPT	048514E4.S-R2-D
01157	05353	CUNEOJP3	048514E9.S-E0-D
01157	05353	CUNROJP3	048514E9.S-R2-D
01157	12712	CUNEOJCD	048531A8.S-E0-D
01157	12712	CUNROJCD	048531A8.S-R2-D
01157	16804	CUNEOJB5	048541A4.S-E0-D
01157	16804	CUNROJB5	048541A4.S-R2-D
01157	17584	CUNROJPH	048544B0.SU-R-D
01158	00808	CUNROKD5	04860328.S-R2-D
01158	00848	CUNEOKD7	04860350.S-E0-D
01158	00848	CUNROKD7	04860350.S-R2-D
01158	00849	CUNROKD9	04860351.S-R2-D
01158	00923	CUNEOKIF	0486039B.S-E0-D
01158	00923	CUNROKIF	0486039B.S-R2-D
01158	01148	CUNEOKOD	0486047C.S-E0-D
01158	01148	CUNROKOD	0486047C.S-R2-D
01158	05347	CUNEOKPR	048614E3.S-E0-D
01158	05347	CUNROKPR	048614E3.S-R2-D
01158	05348	CUNEOKPT	048614E4.S-E0-D
01158	05348	CUNROKPT	048614E4.S-R2-D
01158	17584	CUNROKPH	048644B0.SU-R-D
01159	01148	CUNEOLOD	0487047C.S-E0-D
01159	01148	CUNROLOD	0487047C.S-R2-D
01159	05210	CUNEOLNJ	0487145A.S-EC-D
01159	17584	CUNROLPH	048744B0.SU-R-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01160	00858	CUNEOMFI	0488035A.S-E0-D
01160	00858	CUNROMFI	0488035A.S-R2-D
01160	00859	CUNEOMFK	0488035B.S-E0-D
01160	00859	CUNROMFK	0488035B.S-R2-D
01160	00867	CUNEOMGF	04880363.S-E0-D
01160	00867	CUNROMGF	04880363.S-R2-D
01160	00923	CUNEOMIF	0488039B.S-E0-D
01160	00923	CUNROMIF	0488039B.S-R2-D
01160	00924	CUNEOMIG	0488039C.S-E0-D
01160	00924	CUNROMIG	0488039C.S-R2-D
01160	01140	CUNEOMN5	04880474.S-E0-D
01160	01140	CUNROMN5	04880474.S-R2-D
01160	01141	CUNEOMN6	04880475.S-E0-D
01160	01141	CUNROMN6	04880475.S-R2-D
01160	01142	CUNEOMN7	04880476.S-E0-D
01160	01142	CUNROMN7	04880476.S-R2-D
01160	01143	CUNEOMN8	04880477.S-E0-D
01160	01143	CUNROMN8	04880477.S-R2-D
01160	01144	CUNEOMN9	04880478.S-E0-D
01160	01144	CUNROMN9	04880478.S-R2-D
01160	01145	CUNEOMOA	04880479.S-E0-D
01160	01145	CUNROMOA	04880479.S-R2-D
01160	01146	CUNEOMOB	0488047A.S-E0-D
01160	01146	CUNROMOB	0488047A.S-R2-D
01160	01147	CUNEOMOC	0488047B.S-E0-D
01160	01147	CUNROMOC	0488047B.S-R2-D
01160	01148	CUNEOMOD	0488047C.S-E0-D
01160	01148	CUNROMOD	0488047C.S-R2-D
01160	01149	CUNEOMOE	0488047D.S-E0-D
01160	01149	CUNROMOE	0488047D.S-R2-D
01160	01153	CUNEOMOF	04880481.S-E0-D
01160	01153	CUNROMOF	04880481.S-R2-D
01160	01154	CUNEOMOG	04880482.S-E0-D
01160	01154	CUNROMOG	04880482.S-R2-D
01160	01155	CUNEOMOH	04880483.S-E0-D
01160	01155	CUNROMOH	04880483.S-R2-D
01160	01156	CUNEOMOI	04880484.S-E0-D
01160	01156	CUNROMOI	04880484.S-R2-D
01160	01157	CUNEOMOJ	04880485.S-E0-D
01160	01157	CUNROMOJ	04880485.S-R2-D
01160	01161	CUNEOMON	04880489.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01160	01161	CUNROMON	04880489.S-R2-D
01160	01162	CUNEOMOO	0488048A.S-E0-D
01160	01162	CUNROMOO	0488048A.S-R2-D
01160	04909	CUNEOMDG	0488132D.S-E0-D
01160	04909	CUNROMDG	0488132D.S-R2-D
01160	04971	CUNEOMG9	0488136B.S-E0-D
01160	04971	CUNROMG9	0488136B.S-R2-D
01160	05123	CUNEOMMJ	04881403.S-E0-D
01160	05348	CUNEOMPT	048814E4.S-E0-D
01160	05348	CUNROMPT	048814E4.S-R2-D
01160	09044	CUNEOMEN	04882354.S-E0-D
01160	09044	CUNROMEN	04882354.S-R2-D
01160	09049	CUNEOMFE	04882359.S-E0-D
01160	09049	CUNROMFE	04882359.S-R2-D
01160	09061	CUNEOMGR	04882365.S-E0-D
01160	09061	CUNROMGR	04882365.S-R2-D
01160	17248	CUNEOMF2	04884360.S-E0-D
01160	17248	CUNROMF2	04884360.S-R2-D
01160	17584	CUNROMPH	048844B0.SU-R-D
01161	00259	CUNEONAP	04890103.S-E0-D
01161	00858	CUNEONFI	0489035A.S-E0-D
01161	00858	CUNRONFI	0489035A.S-R2-D
01161	00859	CUNEONFK	0489035B.S-E0-D
01161	00859	CUNRONFK	0489035B.S-R2-D
01161	00923	CUNEONIF	0489039B.S-E0-D
01161	00923	CUNRONIF	0489039B.S-R2-D
01161	00924	CUNEONIG	0489039C.S-E0-D
01161	01140	CUNEONN5	04890474.S-E0-D
01161	01140	CUNRONN5	04890474.S-R2-D
01161	01141	CUNEONN6	04890475.S-E0-D
01161	01141	CUNRONN6	04890475.S-R2-D
01161	01142	CUNEONN7	04890476.S-E0-D
01161	01142	CUNRONN7	04890476.S-R2-D
01161	01143	CUNEONN8	04890477.S-E0-D
01161	01143	CUNRONN8	04890477.S-R2-D
01161	01144	CUNEONN9	04890478.S-E0-D
01161	01144	CUNRONN9	04890478.S-R2-D
01161	01145	CUNEONOA	04890479.S-E0-D
01161	01145	CUNRONOA	04890479.S-R2-D
01161	01146	CUNEONOB	0489047A.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01161	01146	CUNRONOB	0489047A.S-R2-D
01161	01147	CUNEONOC	0489047B.S-E0-D
01161	01147	CUNRONOC	0489047B.S-R2-D
01161	01148	CUNEONOD	0489047C.S-E0-D
01161	01148	CUNRONOD	0489047C.S-R2-D
01161	01149	CUNEONOE	0489047D.S-E0-D
01161	01149	CUNRONOE	0489047D.S-R2-D
01161	01153	CUNEONOF	04890481.S-E0-D
01161	01153	CUNRONOF	04890481.S-R2-D
01161	01154	CUNEONOG	04890482.S-E0-D
01161	01154	CUNRONOG	04890482.S-R2-D
01161	01155	CUNEONOH	04890483.S-E0-D
01161	01155	CUNRONOH	04890483.S-R2-D
01161	01160	CUNEONOM	04890488.S-E0-D
01161	01160	CUNRONOM	04890488.S-R2-D
01161	04909	CUNEONDG	0489132D.S-E0-D
01161	04909	CUNRONDG	0489132D.S-R2-D
01161	04971	CUNEONG9	0489136B.S-E0-D
01161	04971	CUNRONG9	0489136B.S-R2-D
01161	05348	CUNEONPT	048914E4.S-E0-D
01161	05348	CUNRONPT	048914E4.S-R2-D
01161	09044	CUNEONEN	04892354.S-E0-D
01161	09044	CUNRONEN	04892354.S-R2-D
01161	09049	CUNEONFE	04892359.S-E0-D
01161	09049	CUNRONFE	04892359.S-R2-D
01161	09061	CUNEONGR	04892365.S-E0-D
01161	09061	CUNRONGR	04892365.S-R2-D
01162	00259	CUNEOOAP	048A0103.S-E0-D
01162	00858	CUNEOOIFI	048A035A.S-E0-D
01162	00858	CUNROOIFI	048A035A.S-R2-D
01162	00859	CUNEOOKF	048A035B.S-E0-D
01162	00859	CUNROOKF	048A035B.S-R2-D
01162	00923	CUNEOOIF	048A039B.S-E0-D
01162	00923	CUNROOIF	048A039B.S-R2-D
01162	00924	CUNEOOIG	048A039C.S-E0-D
01162	00924	CUNROOIG	048A039C.S-R2-D
01162	01140	CUNEON5	048A0474.S-E0-D
01162	01140	CUNROON5	048A0474.S-R2-D
01162	01141	CUNEON6	048A0475.S-E0-D
01162	01141	CUNROON6	048A0475.S-R2-D
01162	01142	CUNEON7	048A0476.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01162	01142	CUNROON7	048A0476.S-R2-D
01162	01143	CUNEON8	048A0477.S-E0-D
01162	01143	CUNROON8	048A0477.S-R2-D
01162	01144	CUNEON9	048A0478.S-E0-D
01162	01144	CUNROON9	048A0478.S-R2-D
01162	01145	CUNEOOOA	048A0479.S-E0-D
01162	01145	CUNROOOA	048A0479.S-R2-D
01162	01146	CUNEOOOB	048A047A.S-E0-D
01162	01146	CUNROOOB	048A047A.S-R2-D
01162	01147	CUNEOOOC	048A047B.S-E0-D
01162	01147	CUNROOOC	048A047B.S-R2-D
01162	01148	CUNEOOOD	048A047C.S-E0-D
01162	01148	CUNROOOD	048A047C.S-R2-D
01162	01149	CUNEOOOE	048A047D.S-E0-D
01162	01149	CUNROOOE	048A047D.S-R2-D
01162	01153	CUNEOOOF	048A0481.S-E0-D
01162	01153	CUNROOOF	048A0481.S-R2-D
01162	01154	CUNEOOOG	048A0482.S-E0-D
01162	01154	CUNROOOG	048A0482.S-R2-D
01162	01155	CUNEOOOH	048A0483.S-E0-D
01162	01155	CUNROOOH	048A0483.S-R2-D
01162	01160	CUNEOOOM	048A0488.S-E0-D
01162	01160	CUNROOOM	048A0488.S-R2-D
01162	04909	CUNEOODG	048A132D.S-E0-D
01162	04909	CUNROODG	048A132D.S-R2-D
01162	04971	CUNEOOG9	048A136B.S-E0-D
01162	04971	CUNROOG9	048A136B.S-R2-D
01162	05348	CUNEOOPT	048A14E4.S-E0-D
01162	05348	CUNROOPT	048A14E4.S-R2-D
01162	09044	CUNEOOEN	048A2354.S-E0-D
01162	09044	CUNROOEN	048A2354.S-R2-D
01162	09049	CUNEOOFE	048A2359.S-E0-D
01162	09049	CUNROOFE	048A2359.S-R2-D
01162	09061	CUNEOOGR	048A2365.S-E0-D
01162	09061	CUNROOGR	048A2365.S-R2-D
01163	00924	CUNEOPIG	048B039C.S-E0-D
01163	00924	CUNROPIG	048B039C.S-R2-D
01163	01148	CUNEOPOD	048B047C.S-E0-D
01163	01148	CUNROPOD	048B047C.S-R2-D
01163	01164	CUNEOPOQ	048B048C.S-E0-D
01163	01164	CUNROPOQ	048B048C.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01163	05354	CUNEOPP5	048B14EA.S-E0-D
01163	05354	CUNROPP5	048B14EA.S-R2-D
01164	00858	CUNEQFI	048C035A.S-E0-D
01164	00858	CUNROQFI	048C035A.S-R2-D
01164	00859	CUNEQFK	048C035B.S-E0-D
01164	00859	CUNROQFK	048C035B.S-R2-D
01164	00923	CUNEQIF	048C039B.S-E0-D
01164	00923	CUNROQIF	048C039B.S-R2-D
01164	00924	CUNEQIG	048C039C.S-E0-D
01164	00924	CUNROQIG	048C039C.S-R2-D
01164	01140	CUNEQN5	048C0474.S-E0-D
01164	01140	CUNROQN5	048C0474.S-R2-D
01164	01148	CUNEQOD	048C047C.S-E0-D
01164	01148	CUNROQOD	048C047C.S-R2-D
01164	01163	CUNEQQP	048C048B.S-E0-D
01164	01163	CUNROQQP	048C048B.S-R2-D
01164	05348	CUNEQPT	048C14E4.S-E0-D
01164	05348	CUNROQPT	048C14E4.S-R2-D
01164	05354	CUNEQP5	048C14EA.S-E0-D
01164	05354	CUNROQP5	048C14EA.S-R2-D
01164	17584	CUNROQPH	048C44B0.SU-R-D
01165	17584	CUNRSVPH	048D44B0.SU-R-D
01250	00037	CUNRPOAA	04E20025.S-R2-D
01250	00259	CUNEPOAP	04E20103.S-E0-D
01250	00273	CUNEPOAV	04E20111.S-E0-D
01250	00273	CUNRPOAV	04E20111.S-R2-D
01250	00500	CUNEPOCR	04E201F4.S-E0-A1
01250	00500	CUNRPOCR	04E201F4.S-R2-D
01250	00819	CUNRPODH	04E20333.S-R2-D
01250	00850	CUNRPOEB	04E20352.S-R2-D
01250	00852	CUNRPOEL	04E20354.S-RC-D
01250	00855	CUNRPOEX	04E20357.S-R2-D
01250	00870	CUNEPOGW	04E20366.S-E0-A1
01250	00870	CUNRPOGW	04E20366.S-R2-D
01250	00912	CUNRPOH1	04E20390.S-R2-D
01250	01252	CUNRPOPS	04E204E4.S-R2-D
01250	01282	CUNRPOQC	04E20502.S-R2-D
01250	05346	CUNEPOPP	04E214E2.S-E0-D
01250	13488	CUNLPOPG	04E234B0.SU-R-D
01250	13488	CUNRPOPG	04E234B0.SU-R-D
01251	00037	CUNRPQAA	04E30025.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01251	00256	CUNEPQAJ	04E30100.S-E0-A1
01251	00256	CUNRPQAJ	04E30100.S-R2-D
01251	00259	CUNEPQAP	04E30103.S-E0-D
01251	00500	CUNEPQCR	04E301F4.S-E0-A1
01251	00500	CUNRPQCR	04E301F4.S-R2-D
01251	00819	CUNRPQDH	04E30333.S-R2-D
01251	00850	CUNRPQEB	04E30352.S-R2-D
01251	00855	CUNRPQEX	04E30357.S-R2-D
01251	00866	CUNRPQGD	04E30362.S-R2-D
01251	00878	CUNRPQHA	04E3036E.S-R2-D
01251	00880	CUNEPQHB	04E30370.S-E0-A1
01251	00880	CUNRPQHB	04E30370.S-R2-D
01251	00915	CUNRPQH4	04E30393.S-R2-D
01251	01025	CUNEPQMG	04E30401.S-E0-A1
01251	01025	CUNRPQMG	04E30401.S-R2-D
01251	01123	CUNEPQNQ	04E30463.S-E0-A1
01251	01123	CUNRPQNQ	04E30463.S-R2-D
01251	01124	CUNEPQNR	04E30464.S-E0-A1
01251	01124	CUNRPQNR	04E30464.S-R2-D
01251	01125	CUNEPQNS	04E30465.S-E0-A1
01251	01125	CUNRPQNS	04E30465.S-R2-D
01251	01131	CUNRPQNO	04E3046B.S-R2-D
01251	01252	CUNRPQPS	04E304E4.S-R2-D
01251	01283	CUNRPQQD	04E30503.S-R2-D
01251	05347	CUNEPQPR	04E314E3.S-E0-D
01251	13488	CUNLPQPG	04E334B0.SU-R-D
01251	13488	CUNRPQPG	04E334B0.SU-R-D
01252	00037	CUNEPSAA	04E40025.S-E0-A1
01252	00037	CUNRPSAA	04E40025.S-R2-D
01252	00256	CUNEPSAJ	04E40100.S-E0-A1
01252	00256	CUNRPSAJ	04E40100.S-R2-D
01252	00259	CUNEPSAP	04E40103.S-E0-D
01252	00273	CUNEPSAV	04E40111.S-E0-A1
01252	00273	CUNRPSAV	04E40111.S-R2-D
01252	00274	CUNEPSAX	04E40112.S-E0-D
01252	00274	CUNRPSAX	04E40112.S-R2-D
01252	00275	CUNEPSAZ	04E40113.S-E0-D
01252	00275	CUNRPSAZ	04E40113.S-R2-D
01252	00277	CUNEPSA2	04E40115.S-E0-A1
01252	00277	CUNRPSA2	04E40115.S-R2-D
01252	00278	CUNEPSA4	04E40116.S-E0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01252	00278	CUNRPSA4	04E40116.S-R2-D
01252	00280	CUNEPSA6	04E40118.S-E0-A1
01252	00280	CUNRPSA6	04E40118.S-R2-D
01252	00284	CUNEPSBB	04E4011C.S-E0-A1
01252	00284	CUNRPSBB	04E4011C.S-R2-D
01252	00285	CUNEPSBE	04E4011D.S-E0-A1
01252	00285	CUNRPSBE	04E4011D.S-R2-D
01252	00290	CUNEPSBH	04E40122.S-EC-D
01252	00297	CUNEPSBN	04E40129.S-E0-A1
01252	00297	CUNRPSBN	04E40129.S-R2-D
01252	00420	CUNRPSB1	04E401A4.S-R2-D
01252	00423	CUNRPSB8	04E401A7.S-R2-D
01252	00424	CUNRPSCA	04E401A8.S-R2-D
01252	00437	CUNRPSCE	04E401B5.S-R2-D
01252	00500	CUNEPSCR	04E401F4.S-E0-A1
01252	00500	CUNRPSCR	04E401F4.S-R2-D
01252	00737	CUNRPSC6	04E402E1.S-R2-D
01252	00775	CUNEPS8	04E40307.S-E0-A1
01252	00775	CUNRPSC8	04E40307.S-R2-D
01252	00803	CUNEPSDA	04E40323.S-E0-D
01252	00803	CUNRPSDA	04E40323.S-RC-D
01252	00813	CUNRPSDF	04E4032D.S-R2-D
01252	00819	CUNRPSDH	04E40333.S-R2-D
01252	00833	CUNEPSDI	04E40341.S-EC-D
01252	00836	CUNEPSDU	04E40344.S-EC-D
01252	00838	CUNEPSD1	04E40346.S-EC-D
01252	00850	CUNEPSEB	04E40352.S-E0-A1
01252	00850	CUNRPSEB	04E40352.S-R2-D
01252	00852	CUNRPSEL	04E40354.S-R2-D
01252	00855	CUNRPSEX	04E40357.S-R2-D
01252	00857	CUNRPSFC	04E40359.S-R2-D
01252	00858	CUNEPSFI	04E4035A.S-E0-D
01252	00858	CUNRPSFI	04E4035A.S-R2-D
01252	00860	CUNRPSFM	04E4035C.S-R2-D
01252	00861	CUNRPSFP	04E4035D.S-R2-D
01252	00862	CUNRPSFS	04E4035E.S-R2-D
01252	00863	CUNRPSFV	04E4035F.S-R2-D
01252	00864	CUNRPSFY	04E40360.S-R2-D
01252	00865	CUNRPSGA	04E40361.S-R2-D
01252	00866	CUNRPSGD	04E40362.S-R2-D
01252	00869	CUNRPSGP	04E40365.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01252	00870	CUNRPSGW	04E40366.S-R2-D
01252	00871	CUNEPSGY	04E40367.S-E0-A1
01252	00871	CUNRPSGY	04E40367.S-R2-D
01252	00874	CUNEPSG3	04E4036A.S-E0-D
01252	00875	CUNRPSG8	04E4036B.S-R2-D
01252	00880	CUNRPSHB	04E40370.S-R2-D
01252	00897	CUNEPSHK	04E40381.S-E0-D
01252	00903	CUNEPSHW	04E40387.S-E0-D
01252	00905	CUNRPSH0	04E40389.S-R2-D
01252	00912	CUNRPSH1	04E40390.S-R2-D
01252	00914	CUNRPSH3	04E40392.S-R2-D
01252	00915	CUNRPSH4	04E40393.S-R2-D
01252	00916	CUNRPSH6	04E40394.S-R2-D
01252	00920	CUNRPSIA	04E40398.S-R2-D
01252	00921	CUNRPSIB	04E40399.S-R2-D
01252	00922	CUNRPSID	04E4039A.S-R2-D
01252	00923	CUNEPSIF	04E4039B.S-E0-D
01252	00923	CUNRPSIF	04E4039B.S-R2-D
01252	00924	CUNEPSIG	04E4039C.S-E0-D
01252	00924	CUNRPSIG	04E4039C.S-R2-D
01252	01025	CUNRPSMG	04E40401.S-R2-D
01252	01026	CUNRPSMH	04E40402.S-R2-D
01252	01027	CUNEPSMI	04E40403.S-EC-D
01252	01041	CUNEPSMN	04E40411.S-E0-D
01252	01047	CUNEPSM0	04E40417.S-E0-D
01252	01047	CUNRPSM0	04E40417.S-R2-D
01252	01051	CUNRPSM2	04E4041B.S-R2-D
01252	01097	CUNRPSM7	04E40449.S-R2-D
01252	01098	CUNRPSM8	04E4044A.S-R2-D
01252	01112	CUNEPSNH	04E40458.S-E0-D
01252	01112	CUNRPSNH	04E40458.S-R2-D
01252	01122	CUNEPSNP	04E40462.S-E0-D
01252	01122	CUNRPSNP	04E40462.S-R2-D
01252	01123	CUNEPSNQ	04E40463.S-E0-D
01252	01123	CUNRPSNQ	04E40463.S-R2-D
01252	01126	CUNEPSNT	04E40466.S-E0-D
01252	01130	CUNEPSNZ	04E4046A.S-E0-D
01252	01130	CUNRPSNZ	04E4046A.S-R2-D
01252	01132	CUNEPSN1	04E4046C.S-E0-D
01252	01132	CUNRPSN1	04E4046C.S-R2-D
01252	01140	CUNEPSN5	04E40474.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01252	01140	CUNRPSN5	04E40474.S-R2-D
01252	01141	CUNEPSN6	04E40475.S-E0-D
01252	01141	CUNRPSN6	04E40475.S-RC-D
01252	01142	CUNEPSN7	04E40476.S-E0-D
01252	01142	CUNRPSN7	04E40476.S-RC-D
01252	01143	CUNEPSN8	04E40477.S-E0-D
01252	01143	CUNRPSN8	04E40477.S-RC-D
01252	01144	CUNEPSN9	04E40478.S-E0-D
01252	01144	CUNRPSN9	04E40478.S-RC-D
01252	01145	CUNEPSOA	04E40479.S-E0-D
01252	01145	CUNRPSSOA	04E40479.S-RC-D
01252	01146	CUNEPSOB	04E4047A.S-E0-D
01252	01146	CUNRPSSOB	04E4047A.S-RC-D
01252	01147	CUNEPSOC	04E4047B.S-E0-D
01252	01147	CUNRPSSOC	04E4047B.S-RC-D
01252	01148	CUNEPSOD	04E4047C.S-E0-D
01252	01148	CUNRPSSOD	04E4047C.S-RC-D
01252	01149	CUNEPSOE	04E4047D.S-E0-D
01252	01149	CUNRPSSOE	04E4047D.S-RC-D
01252	01250	CUNRPSSPO	04E404E2.S-R2-D
01252	01251	CUNRPSPQ	04E404E3.S-R2-D
01252	01254	CUNRPSPW	04E404E6.S-R2-D
01252	01255	CUNRPSPY	04E404E7.S-R2-D
01252	01257	CUNRPSP2	04E404E9.S-R2-D
01252	01275	CUNRPSP6	04E404FB.S-R2-D
01252	01280	CUNRPSSQA	04E40500.S-R2-D
01252	01281	CUNRPSSQB	04E40501.S-R2-D
01252	01283	CUNRPSSQD	04E40503.S-R2-D
01252	05348	CUNEPSPT	04E414E4.S-E0-D
01252	13488	CUNLPSPG	04E434B0.SU-R-D
01252	13488	CUNRPSPG	04E434B0.SU-R-D
01253	00037	CUNRPUAA	04E50025.S-R2-D
01253	00259	CUNEPUAP	04E50103.S-E0-D
01253	00423	CUNEPU8	04E501A7.S-EC-A1
01253	00423	CUNRPUB8	04E501A7.S-R2-D
01253	00500	CUNEPUCR	04E501F4.S-E0-A1
01253	00500	CUNRPUCR	04E501F4.S-R2-D
01253	00737	CUNEPU6	04E502E1.S-E0-D
01253	00737	CUNRPUC6	04E502E1.S-R2-D
01253	00813	CUNRPUDF	04E5032D.S-R2-D
01253	00819	CUNRPUDH	04E50333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01253	00850	CUNRPUEB	04E50352.S-R2-D
01253	00869	CUNRPUPG	04E50365.S-R2-D
01253	00875	CUNEPUG8	04E5036B.S-EC-A1
01253	00875	CUNRPUG8	04E5036B.S-R2-D
01253	01280	CUNRPUQA	04E50500.S-R2-D
01253	01287	CUNEPUSX	04E50507.S-E0-D
01253	01287	CUNRPUSX	04E50507.S-R2-D
01253	05349	CUNEPUPV	04E514E5.S-E0-D
01253	13488	CUNLPUPG	04E534B0.SU-R-D
01253	13488	CUNRPUPG	04E534B0.SU-R-D
01254	00037	CUNRPWAA	04E60025.S-R2-D
01254	00259	CUNEPWAP	04E60103.S-E0-D
01254	00500	CUNEPWCR	04E601F4.S-EC-A1
01254	00500	CUNRPWCR	04E601F4.S-RC-D
01254	00819	CUNRPWDH	04E60333.S-R2-D
01254	00850	CUNRPWEB	04E60352.S-R2-D
01254	00857	CUNRPWFC	04E60359.S-R2-D
01254	00869	CUNRPWGP	04E60365.S-R2-D
01254	00905	CUNEPWH0	04E60389.S-E0-A1
01254	00905	CUNRPWH0	04E60389.S-R2-D
01254	00920	CUNRPWIA	04E60398.S-R2-D
01254	01026	CUNEPWMH	04E60402.S-E0-A1
01254	01026	CUNRPWMH	04E60402.S-R2-D
01254	01047	CUNEPWM0	04E60417.S-E0-D
01254	01047	CUNRPWM0	04E60417.S-R2-D
01254	01252	CUNRPWPS	04E604E4.S-R2-D
01254	01281	CUNRPWQB	04E60501.S-R2-D
01254	01288	CUNEPWSY	04E60508.S-E0-D
01254	01288	CUNRPWSY	04E60508.S-R2-D
01254	05350	CUNEPWPX	04E614E6.S-E0-D
01254	13488	CUNLPWPG	04E634B0.SU-R-D
01254	13488	CUNRPWPG	04E634B0.SU-R-D
01255	00037	CUNRPYAA	04E70025.S-R2-D
01255	00259	CUNEPYAP	04E70103.S-E0-D
01255	00424	CUNEPYCA	04E701A8.S-E0-A1
01255	00424	CUNRPYCA	04E701A8.S-R2-D
01255	00500	CUNEPYCR	04E701F4.S-E0-A1
01255	00500	CUNRPYCR	04E701F4.S-R2-D
01255	00803	CUNEPYDA	04E70323.S-E0-D
01255	00803	CUNRPYDA	04E70323.S-R2-D
01255	00819	CUNRPYDH	04E70333.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01255	00850	CUNRPYEB	04E70352.S-R2-D
01255	00856	CUNRPYE4	04E70358.S-R2-D
01255	00862	CUNEPYFS	04E7035E.S-E0-A1
01255	00862	CUNRPYFS	04E7035E.S-R2-D
01255	00916	CUNEPYH6	04E70394.S-E0-A1
01255	00916	CUNRPYH6	04E70394.S-R2-D
01255	01252	CUNRPYPS	04E704E4.S-R2-D
01255	01281	CUNRPYQB	04E70501.S-R2-D
01255	05012	CUNEPYH7	04E71394.S-EC-D
01255	05012	CUNRPYH7	04E71394.S-RC-D
01255	05351	CUNEPYPZ	04E714E7.S-E0-D
01255	13488	CUNLPYPG	04E734B0.SU-R-D
01255	13488	CUNRPYPG	04E734B0.SU-R-D
01256	00259	CUNEP0AP	04E80103.S-E0-D
01256	00420	CUNCP0B1	04E801A4.S-C0-D
01256	00425	CUNEP0SR	04E801A9.S-E0-D
01256	00500	CUNEP0CR	04E801F4.S-E0-A1
01256	00500	CUNRP0CR	04E801F4.S-R2-D
01256	00720	CUNCP0C5	04E802D0.S-C0-D
01256	00850	CUNRP0EB	04E80352.S-R2-D
01256	00864	CUNEP0FY	04E80360.S-EC-D
01256	01046	CUNEP0MX	04E80416.S-EC-D
01256	01089	CUNEP0M6	04E80441.S-EC-D
01256	01127	CUNCP0NW	04E80467.S-C0-D
01256	05352	CUNEP0P1	04E814E8.S-E0-D
01256	13488	CUNLP0PG	04E834B0.SU-R-D
01256	13488	CUNRP0PG	04E834B0.SU-R-D
01257	00037	CUNRP2AA	04E90025.S-R2-D
01257	00259	CUNEP2AP	04E90103.S-E0-D
01257	00437	CUNRP2CE	04E901B5.S-R2-D
01257	00500	CUNRP2CR	04E901F4.S-R2-D
01257	00775	CUNRP2C8	04E90307.S-R2-D
01257	00819	CUNRP2DH	04E90333.S-R2-D
01257	00850	CUNRP2EB	04E90352.S-R2-D
01257	00914	CUNRP2H3	04E90392.S-R2-D
01257	00921	CUNEP2IB	04E90399.S-E0-D
01257	00921	CUNRP2IB	04E90399.S-R2-D
01257	00922	CUNEP2ID	04E9039A.S-E0-D
01257	00922	CUNRP2ID	04E9039A.S-R2-D
01257	01112	CUNEP2NH	04E90458.S-E0-D
01257	01112	CUNRP2NH	04E90458.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01257	01122	CUNEP2NP	04E90462.S-E0-D
01257	01122	CUNRP2NP	04E90462.S-R2-D
01257	01252	CUNRP2PS	04E904E4.S-R2-D
01257	05353	CUNEP2P3	04E914E9.S-E0-D
01257	13488	CUNRP2PG	04E934B0.SU-R-D
01258	00037	CUNEP4AA	04EA0025.S-E0-D
01258	00037	CUNRP4AA	04EA0025.S-R2-D
01258	00259	CUNEP4AP	04EA0103.S-E0-D
01258	00500	CUNEP4CR	04EA01F4.S-E0-D
01258	00500	CUNRP4CR	04EA01F4.S-R2-A1
01258	00819	CUNRP4DH	04EA0333.S-R2-D
01258	01129	CUNEP4NY	04EA0469.S-E0-A1
01258	01129	CUNRP4NY	04EA0469.S-R2-D
01258	01130	CUNEP4NZ	04EA046A.S-E0-A1
01258	01130	CUNRP4NZ	04EA046A.S-R2-D
01258	05354	CUNEP4P5	04EA14EA.S-E0-D
01258	13488	CUNRP4PG	04EA34B0.SU-R-D
01275	00037	CUNRP6AA	04FB0025.S-R2-D
01275	00256	CUNRP6AJ	04FB0100.S-R2-D
01275	00273	CUNRP6AV	04FB0111.S-R2-D
01275	00277	CUNRP6A2	04FB0115.S-R2-D
01275	00278	CUNRP6A4	04FB0116.S-R2-D
01275	00280	CUNRP6A6	04FB0118.S-R2-D
01275	00284	CUNRP6BB	04FB011C.S-R2-D
01275	00285	CUNRP6BE	04FB011D.S-R2-D
01275	00297	CUNRP6BN	04FB0129.S-R2-D
01275	00437	CUNRP6CE	04FB01B5.S-R2-D
01275	00500	CUNRP6CR	04FB01F4.S-R2-D
01275	00819	CUNRP6DH	04FB0333.S-R2-D
01275	00850	CUNRP6EB	04FB0352.S-R2-D
01275	00858	CUNEP6FI	04FB035A.S-EC-D
01275	00858	CUNRP6FI	04FB035A.S-R2-D
01275	00863	CUNRP6FV	04FB035F.S-R2-D
01275	00871	CUNRP6GY	04FB0367.S-R2-D
01275	00923	CUNEP6IF	04FB039B.S-EC-D
01275	00923	CUNRP6IF	04FB039B.S-R2-D
01275	00924	CUNEP6IG	04FB039C.S-EC-D
01275	00924	CUNRP6IG	04FB039C.S-R2-D
01275	01051	CUNRP6M2	04FB041B.S-R2-D
01275	01140	CUNEP6N5	04FB0474.S-EC-D
01275	01140	CUNRP6N5	04FB0474.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01275	01141	CUNEP6N6	04FB0475.S-EC-D
01275	01141	CUNRP6N6	04FB0475.S-R2-D
01275	01142	CUNEP6N7	04FB0476.S-EC-D
01275	01142	CUNRP6N7	04FB0476.S-R2-D
01275	01143	CUNEP6N8	04FB0477.S-EC-D
01275	01143	CUNRP6N8	04FB0477.S-R2-D
01275	01144	CUNEP6N9	04FB0478.S-EC-D
01275	01144	CUNRP6N9	04FB0478.S-R2-D
01275	01145	CUNEP6OA	04FB0479.S-EC-D
01275	01145	CUNRP6OA	04FB0479.S-R2-D
01275	01146	CUNEP6OB	04FB047A.S-EC-D
01275	01146	CUNRP6OB	04FB047A.S-R2-D
01275	01147	CUNEP6OC	04FB047B.S-EC-D
01275	01147	CUNRP6OC	04FB047B.S-R2-D
01275	01148	CUNEP6OD	04FB047C.S-EC-D
01275	01148	CUNRP6OD	04FB047C.S-R2-D
01275	01149	CUNEP6OE	04FB047D.S-EC-D
01275	01149	CUNRP6OE	04FB047D.S-R2-D
01275	01252	CUNRP6PS	04FB04E4.S-R2-D
01275	05348	CUNEP6PT	04FB14E4.S-EC-D
01275	05348	CUNRP6PT	04FB14E4.S-R2-D
01275	13488	CUNRP6PG	04FB34B0.SU-R-D
01276	13488	CUNRP7PG	04FC34B0.SU-R-D
01277	13488	CUNEP8PG	04FD34B0.SU-E-D
01280	00037	CUNRQAAA	05000025.S-R2-D
01280	00423	CUNRQAB8	050001A7.S-R2-D
01280	00437	CUNRQACE	050001B5.S-R2-D
01280	00500	CUNRQACR	050001F4.S-R2-D
01280	00737	CUNEQAC6	050002E1.S-EC-D
01280	00737	CUNRQAC6	050002E1.S-R2-D
01280	00813	CUNRQADF	0500032D.S-R2-D
01280	00819	CUNRQADH	05000333.S-R2-D
01280	00850	CUNRQAEB	05000352.S-R2-D
01280	00869	CUNRQAGP	05000365.S-R2-D
01280	00875	CUNRQAG8	0500036B.S-R2-D
01280	01252	CUNRQAPS	050004E4.S-R2-D
01280	01253	CUNRQAPU	050004E5.S-R2-D
01280	01287	CUNEQASX	05000507.S-E0-D
01280	01287	CUNRQASX	05000507.S-R2-D
01280	05349	CUNEQAPV	050014E5.S-E0-D
01280	05349	CUNRQAPV	050014E5.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01280	13488	CUNRQAPG	050034B0.SU-R-D
01281	00037	CUNRQBAA	05010025.S-R2-D
01281	00437	CUNRQBCE	050101B5.S-R2-D
01281	00500	CUNRQBCR	050101F4.S-R2-D
01281	00819	CUNRQBDH	05010333.S-R2-D
01281	00850	CUNRQBEB	05010352.S-R2-D
01281	00857	CUNRQBFC	05010359.S-R2-D
01281	00905	CUNRQBH0	05010389.S-R2-D
01281	00920	CUNRQBIA	05010398.S-R2-D
01281	01026	CUNRQBMH	05010402.S-R2-D
01281	01252	CUNRQBPS	050104E4.S-R2-D
01281	01254	CUNRQBPW	050104E6.S-R2-D
01281	01255	CUNRQBPY	050104E7.S-R2-D
01281	05350	CUNEQBPX	050114E6.S-E0-D
01281	05350	CUNRQBPX	050114E6.S-R2-D
01281	13488	CUNRQBPG	050134B0.SU-R-D
01282	00500	CUNRQCCR	050201F4.S-R2-D
01282	00852	CUNRQCEL	05020354.S-R2-D
01282	00870	CUNRQCGW	05020366.S-R2-D
01282	00912	CUNRQCH1	05020390.S-R2-D
01282	01250	CUNRQCPO	050204E2.S-R2-D
01282	05346	CUNEQCOP	050214E2.S-E0-D
01282	05346	CUNRQCOP	050214E2.S-R2-D
01282	13488	CUNRQCPG	050234B0.SU-R-D
01283	00037	CUNRQDAA	05030025.S-R2-D
01283	00437	CUNRQDCE	050301B5.S-R2-D
01283	00500	CUNRQDCR	050301F4.S-R2-D
01283	00819	CUNRQDDH	05030333.S-R2-D
01283	00850	CUNRQDEB	05030352.S-R2-D
01283	00855	CUNRQDEX	05030357.S-R2-D
01283	00866	CUNRQDGD	05030362.S-R2-D
01283	00878	CUNEQDH	0503036E.S-E0-D
01283	00878	CUNRQDH	0503036E.S-R2-D
01283	00880	CUNRQDH	05030370.S-R2-D
01283	00915	CUNRQDH4	05030393.S-R2-D
01283	01025	CUNRQDMG	05030401.S-R2-D
01283	01123	CUNRQDNQ	05030463.S-R2-D
01283	01124	CUNRQDNR	05030464.S-R2-D
01283	01125	CUNRQDNS	05030465.S-R2-D
01283	01131	CUNRQDN0	0503046B.S-R2-D
01283	01251	CUNRQDPQ	050304E3.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01283	01252	CUNRQDPS	050304E4.S-R2-D
01283	05347	CUNEQDPR	050314E3.S-E0-D
01283	05347	CUNRQDPR	050314E3.S-R2-D
01283	13488	CUNRQDPG	050334B0.SU-R-D
01284	05346	CUNEQEPP	050414E2.S-EC-D
01284	05346	CUNRQEPP	050414E2.S-R2-D
01284	13488	CUNRQEPP	050434B0.SU-R-D
01285	05346	CUNEQFPP	050514E2.S-EC-D
01285	05346	CUNRQFPP	050514E2.S-R2-D
01285	13488	CUNRQFPG	050534B0.SU-R-D
01287	00737	CUNESXC6	050702E1.S-E0-D
01287	00737	CUNRSXC6	050702E1.S-R2-D
01287	00813	CUNESXDF	0507032D.S-E0-D
01287	00813	CUNRSXDF	0507032D.S-R2-D
01287	00869	CUNESXGP	05070365.S-E0-D
01287	00869	CUNRSXGP	05070365.S-R2-D
01287	00875	CUNESXG8	0507036B.S-E0-D
01287	00875	CUNRSXG8	0507036B.S-R2-D
01287	01253	CUNESXPU	050704E5.S-E0-D
01287	01253	CUNRSXPU	050704E5.S-R2-D
01287	01280	CUNESXQA	05070500.S-E0-D
01287	01280	CUNRSXQA	05070500.S-R2-D
01287	05349	CUNESXPV	050714E5.S-E0-D
01287	05349	CUNRSXPV	050714E5.S-R2-D
01288	00857	CUNESYFC	05080359.S-E0-D
01288	00857	CUNRSYFC	05080359.S-R2-D
01288	00920	CUNESYIA	05080398.S-E0-D
01288	00920	CUNRSYIA	05080398.S-R2-D
01288	01026	CUNESYMH	05080402.S-E0-D
01288	01026	CUNRSYMH	05080402.S-R2-D
01288	01254	CUNESYPW	050804E6.S-E0-D
01288	01254	CUNRSYPW	050804E6.S-R2-D
01351	00300	CUNEQIBQ	0547012C.D-E0-D
01351	00301	CUNEQIBV	0547012D.D-E0-D
01351	00941	CUNEQIJP	054703AD.D-E0-D
01351	13488	CUNRQIPG	054734B0.MU-R-D
01362	00834	CUNEQJDM	05520342.D-E0-D
01362	00926	CUNEQJIH	0552039E.D-E0-D
01362	00951	CUNEQJKS	055203B7.D-E0-D
01362	00971	CUNEQJLT	055203CB.D-E0-D
01362	04930	CUNEQJDN	05521342.D-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
01362	13488	CUNRQJPG	055234B0.MU-R-D
01362	17584	CUNRQJPH	055244B0.MU-R-D
01380	00837	CUNEQVDY	05640345.D-E0-D
01380	00928	CUNEQVIM	056403A0.D-EC-D
01380	01385	CUNEQVQ6	05640569.D-E0-D
01380	04933	CUNEQVDZ	05641345.D-E0-D
01380	13488	CUNEQVPG	056434B0.MU-E-A1
01380	13488	CUNLQVPG	056434B0.MU-R-D
01380	13488	CUNRQVPG	056434B0.MU-R-D
01382	00837	CUNEQ0DY	05660345.D-E0-A1
01382	13488	CUNEQ0PG	056634B0.MU-E-A1
01382	13488	CUNRQ0PG	056634B0.MU-R-D
01385	00837	CUNEQ6DY	05690345.D-E0-D
01385	00928	CUNEQ6IM	056903A0.D-E0-D
01385	01380	CUNEQ6QV	05690564.D-E0-D
01385	04933	CUNEQ6DZ	05691345.D-E0-D
01385	13488	CUNRQ6PG	056934B0.MU-R-D
01391	21680	CUNCTFTH	056F54B0.MU-C0-A1
04386	13488	CUNCBIPG	112234B0.SU-C0-A1
04396	13488	CUNRBRPG	112C34B0.MU-R-D
04396	17584	CUNRBRPH	112C44B0.MU-R-D
04899	00867	CUNEDBGF	13230363.S-E0-D
04899	00867	CUNRDBGF	13230363.S-R2-D
04899	01148	CUNEDBOD	1323047C.S-E0-D
04899	01148	CUNRDBOD	1323047C.S-R2-D
04899	05012	CUNEDBH7	13231394.S-E0-D
04899	05012	CUNRDBH7	13231394.S-RC-D
04899	05351	CUNEDBPZ	132314E7.S-E0-D
04899	05351	CUNRDBPZ	132314E7.S-R2-D
04899	09048	CUNEDBE6	13232358.S-E0-D
04899	09048	CUNRDBE6	13232358.S-R2-D
04899	12712	CUNEDBCD	132331A8.S-E0-D
04899	12712	CUNRDBCD	132331A8.S-R2-D
04899	17584	CUNRDBPH	132344B0.SU-R-D
04904	17584	CUNROSPH	132844B0.SU-R-D
04909	00858	CUNEDGFI	132D035A.S-E0-D
04909	00858	CUNRDGFI	132D035A.S-R2-D
04909	00859	CUNEDGFK	132D035B.S-E0-D
04909	00859	CUNRDGFK	132D035B.S-R2-D
04909	00923	CUNEDGIF	132D039B.S-E0-D
04909	00923	CUNRDGIF	132D039B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
04909	00924	CUNEDGIG	132D039C.S-E0-D
04909	00924	CUNRDGIG	132D039C.S-R2-D
04909	01140	CUNEDGN5	132D0474.S-E0-D
04909	01140	CUNRDGN5	132D0474.S-R2-D
04909	01141	CUNEDGN6	132D0475.S-E0-D
04909	01141	CUNRDGN6	132D0475.S-R2-D
04909	01142	CUNEDGN7	132D0476.S-E0-D
04909	01142	CUNRDGN7	132D0476.S-R2-D
04909	01143	CUNEDGN8	132D0477.S-E0-D
04909	01143	CUNRDGN8	132D0477.S-R2-D
04909	01144	CUNEDGN9	132D0478.S-E0-D
04909	01144	CUNRDGN9	132D0478.S-R2-D
04909	01145	CUNEDGOA	132D0479.S-E0-D
04909	01145	CUNRDGOA	132D0479.S-R2-D
04909	01146	CUNEDGOB	132D047A.S-E0-D
04909	01146	CUNRDGOB	132D047A.S-R2-D
04909	01147	CUNEDGOC	132D047B.S-E0-D
04909	01147	CUNRDGOC	132D047B.S-R2-D
04909	01148	CUNEDGOD	132D047C.S-E0-D
04909	01148	CUNRDGOD	132D047C.S-R2-D
04909	01149	CUNEDGOE	132D047D.S-E0-D
04909	01149	CUNRDGOE	132D047D.S-R2-D
04909	01153	CUNEDGOF	132D0481.S-E0-D
04909	01153	CUNRDGOF	132D0481.S-R2-D
04909	01154	CUNEDGOG	132D0482.S-E0-D
04909	01154	CUNRDGOG	132D0482.S-R2-D
04909	01155	CUNEDGOH	132D0483.S-E0-D
04909	01160	CUNEDGOM	132D0488.S-E0-D
04909	01160	CUNRDGOM	132D0488.S-R2-D
04909	01161	CUNEDGON	132D0489.S-E0-D
04909	01161	CUNRDGON	132D0489.S-R2-D
04909	01162	CUNEDGOO	132D048A.S-E0-D
04909	01162	CUNRDGOO	132D048A.S-R2-D
04909	04971	CUNEDGG9	132D136B.S-E0-D
04909	04971	CUNLDGG9	132D136B.S-R2-D
04909	04971	CUNRDGG9	132D136B.S-R2-D
04909	05348	CUNEDGPT	132D14E4.S-E0-D
04909	05348	CUNRDGPT	132D14E4.S-R2-D
04909	05349	CUNEDGPV	132D14E5.S-E0-D
04909	05349	CUNRDGPV	132D14E5.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
04909	09044	CUNEDGEN	132D2354.S-E0-D
04909	09044	CUNRDGEN	132D2354.S-R2-D
04909	09049	CUNEDGFE	132D2359.S-E0-D
04909	09049	CUNRDGFE	132D2359.S-R2-D
04909	09061	CUNEDGGR	132D2365.S-E0-D
04909	09061	CUNRDGGR	132D2365.S-R2-D
04909	17584	CUNRDGPH	132D44B0.SU-R-D
04929	13488	CUNRDJPG	134134B0.SU-R-D
04930	00834	CUNEDNDM	13420342.D-E0-D
04930	00951	CUNEDNKS	134203B7.D-E0-D
04930	01362	CUNEDNQJ	13420552.D-E0-D
04930	13488	CUNRDNPG	134234B0.MU-R-D
04930	17584	CUNRDNPH	134244B0.MU-R-D
04932	13488	CUNRDVPG	134434B0.SU-R-D
04933	00837	CUNEDZDY	13450345.D-E0-D
04933	01380	CUNEDZQV	13450564.D-E0-D
04933	01385	CUNEDZQ6	13450569.D-E0-D
04933	13488	CUNRDZPG	134534B0.MU-R-D
04933	17584	CUNRDZPG	134544B0.MU-R-D
04944	17584	CUNROTPH	135044B0.SU-R-D
04945	17584	CUNROUPH	135144B0.SU-R-D
04946	00437	CUNEECCE	135201B5.S-E0-D
04948	13488	CUNREMPG	135434B0.SU-R-D
04951	13488	CUNREYPG	135734B0.SU-R-D
04952	13488	CUNRE5PG	135834B0.SU-R-D
04953	00850	CUNEFDEB	13590352.S-E0-D
04954	17584	CUNROYPH	135A44B0.SU-R-D
04955	17584	CUNROZPH	135B44B0.SU-R-D
04956	17584	CUNRO0PH	135C44B0.SU-R-D
04957	17584	CUNRO1PH	135D44B0.SU-R-D
04958	17584	CUNRO2PH	135E44B0.SU-R-D
04959	17584	CUNRO3PH	135F44B0.SU-R-D
04960	13488	CUNRFZPG	136034B0.SU-R-D
04961	17584	CUNRO4PH	136144B0.SU-R-D
04962	17584	CUNRO5PH	136244B0.SU-R-D
04963	17584	CUNRO6PH	136344B0.SU-R-D
04970	00874	CUNEG4G3	136A036A.S-E0-D
04971	00858	CUNEG9FI	136B035A.S-E0-D
04971	00858	CUNRG9FI	136B035A.S-R2-D
04971	00859	CUNEG9FK	136B035B.S-E0-D
04971	00859	CUNRG9FK	136B035B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
04971	00867	CUNEG9GF	136B0363.S-E0-D
04971	00867	CUNRG9GF	136B0363.S-R2-D
04971	00923	CUNEG9IF	136B039B.S-E0-D
04971	00923	CUNRG9IF	136B039B.S-R2-D
04971	00924	CUNEG9IG	136B039C.S-E0-D
04971	00924	CUNLG9IG	136B039C.S-R2-D
04971	00924	CUNRG9IG	136B039C.S-R2-D
04971	01140	CUNEG9N5	136B0474.S-E0-D
04971	01140	CUNRG9N5	136B0474.S-R2-D
04971	01141	CUNEG9N6	136B0475.S-E0-D
04971	01141	CUNRG9N6	136B0475.S-R2-D
04971	01142	CUNEG9N7	136B0476.S-E0-D
04971	01142	CUNRG9N7	136B0476.S-R2-D
04971	01143	CUNEG9N8	136B0477.S-E0-D
04971	01143	CUNRG9N8	136B0477.S-R2-D
04971	01144	CUNEG9N9	136B0478.S-E0-D
04971	01144	CUNRG9N9	136B0478.S-R2-D
04971	01145	CUNEG9OA	136B0479.S-E0-D
04971	01145	CUNRG9OA	136B0479.S-R2-D
04971	01146	CUNEG9OB	136B047A.S-E0-D
04971	01146	CUNRG9OB	136B047A.S-R2-D
04971	01147	CUNEG9OC	136B047B.S-E0-D
04971	01147	CUNRG9OC	136B047B.S-R2-D
04971	01148	CUNEG9OD	136B047C.S-E0-D
04971	01148	CUNRG9OD	136B047C.S-R2-D
04971	01149	CUNEG9OE	136B047D.S-E0-D
04971	01149	CUNRG9OE	136B047D.S-R2-D
04971	01153	CUNEG9OF	136B0481.S-E0-D
04971	01153	CUNRG9OF	136B0481.S-R2-D
04971	01154	CUNEG9OG	136B0482.S-E0-D
04971	01154	CUNRG9OG	136B0482.S-R2-D
04971	01155	CUNEG9OH	136B0483.S-E0-D
04971	01155	CUNRG9OH	136B0483.S-R2-D
04971	01156	CUNEG9OI	136B0484.S-E0-D
04971	01156	CUNRG9OI	136B0484.S-R2-D
04971	01157	CUNEG9OJ	136B0485.S-E0-D
04971	01157	CUNRG9OJ	136B0485.S-R2-D
04971	01160	CUNEG9OM	136B0488.S-E0-D
04971	01160	CUNRG9OM	136B0488.S-R2-D
04971	01161	CUNEG9ON	136B0489.S-E0-D
04971	01161	CUNRG9ON	136B0489.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
04971	01162	CUNEG9OO	136B048A.S-E0-D
04971	01162	CUNRG9OO	136B048A.S-R2-D
04971	04909	CUNEG9DG	136B132D.S-E0-D
04971	04909	CUNLG9DG	136B132D.S-R2-D
04971	04909	CUNRG9DG	136B132D.S-R2-D
04971	05348	CUNEG9PT	136B14E4.S-E0-D
04971	05348	CUNRG9PT	136B14E4.S-R2-D
04971	05349	CUNEG9PV	136B14E5.S-E0-D
04971	05349	CUNRG9PV	136B14E5.S-R2-D
04971	09044	CUNEG9EN	136B2354.S-E0-D
04971	09044	CUNRG9EN	136B2354.S-R2-D
04971	09049	CUNEG9FE	136B2359.S-E0-D
04971	09049	CUNRG9FE	136B2359.S-R2-D
04971	09061	CUNEG9GR	136B2365.S-E0-D
04971	09061	CUNRG9GR	136B2365.S-R2-D
04971	17248	CUNEG9F2	136B4360.S-E0-D
04971	17248	CUNRG9F2	136B4360.S-R2-D
04971	17584	CUNRG9PH	136B44B0.SU-R-D
05012	00867	CUNEH7GF	13940363.S-E0-D
05012	00867	CUNRH7GF	13940363.S-R2-D
05012	01255	CUNEH7PY	139404E7.S-EC-D
05012	01255	CUNRH7PY	139404E7.S-RC-D
05012	04899	CUNEH7DB	13941323.S-E0-D
05012	04899	CUNRH7DB	13941323.S-RC-D
05012	12712	CUNEH7CD	139431A8.S-E0-D
05012	12712	CUNRH7CD	139431A8.S-RC-D
05012	13488	CUNRH7PG	139434B0.SU-R-D
05047	13488	CUNRKTPG	13B734B0.MU-R-D
05048	13488	CUNEKXPG	13B834B0.MU-E-D
05049	13488	CUNEKZPG	13B934B0.MU-E-D
05056	17584	CUNESSPH	13C044B0.MU-E-D
05056	17584	CUNRSSPH	13C044B0.MU-R-D
05067	13488	CUNELUPG	13CB34B0.MU-E-D
05104	16804	CUNEL1B5	13F041A4.S-E0-D
05104	16804	CUNRL1B5	13F041A4.S-R2-D
05104	17248	CUNRL1F2	13F04360.S-RC-D
05104	17584	CUNRL1PH	13F044B0.SU-R-D
05123	00858	CUNEMJFI	1403035A.S-E0-D
05123	01140	CUNEMJN5	14030474.S-E0-D
05123	01141	CUNEMJN6	14030475.S-E0-D
05123	01142	CUNEMJN7	14030476.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05123	01143	CUNEMJN8	14030477.S-E0-D
05123	01144	CUNEMJN9	14030478.S-E0-D
05123	01145	CUNEMJOA	14030479.S-E0-D
05123	01146	CUNEMJOB	1403047A.S-E0-D
05123	01147	CUNEMJOC	1403047B.S-E0-D
05123	01148	CUNEMJOD	1403047C.S-E0-D
05123	01149	CUNEMJOE	1403047D.S-E0-D
05123	01154	CUNEMJOG	14030482.S-E0-D
05123	01156	CUNEMJOI	14030484.S-E0-D
05123	01157	CUNEMJOJ	14030485.S-E0-D
05123	01160	CUNEMJOM	14030488.S-E0-D
05123	05348	CUNEMJPT	140314E4.S-E0-D
05123	08482	CUNRMJBJ	14032122.S-RC-D
05123	17584	CUNRMJPH	140344B0.SU-R-D
05142	13488	CUNRMPG	141634B0.SU-R-D
05210	00858	CUNENJFI	145A035A.S-E0-D
05210	00858	CUNRNJFI	145A035A.S-R2-D
05210	01148	CUNENJOD	145A047C.S-E0-D
05210	01148	CUNRNJOD	145A047C.S-R2-D
05210	01159	CUNENJOL	145A0487.S-EC-D
05210	17584	CUNRNJPH	145A44B0.SU-R-D
05346	00852	CUNEPPEL	14E20354.S-E0-D
05346	00852	CUNRPPEL	14E20354.S-R2-D
05346	00870	CUNEPPGW	14E20366.S-E0-D
05346	00870	CUNRPPGW	14E20366.S-R2-D
05346	00872	CUNEPPG0	14E20368.S-E0-D
05346	00872	CUNRPPG0	14E20368.S-R2-D
05346	00912	CUNEPPH1	14E20390.S-E0-D
05346	00912	CUNRPPH1	14E20390.S-R2-D
05346	01148	CUNEPPOD	14E2047C.S-E0-D
05346	01148	CUNRPPOD	14E2047C.S-R2-D
05346	01153	CUNEPPOF	14E20481.S-E0-D
05346	01153	CUNRPOF	14E20481.S-R2-D
05346	01250	CUNEPPPO	14E204E2.S-E0-D
05346	01282	CUNEPPQC	14E20502.S-E0-D
05346	01282	CUNRPPQC	14E20502.S-R2-D
05346	01284	CUNEPPQE	14E20504.S-E0-D
05346	01284	CUNRPPQE	14E20504.S-R2-D
05346	01285	CUNEPPQF	14E20505.S-E0-D
05346	01285	CUNRPPQF	14E20505.S-R2-D
05346	09044	CUNEPPEN	14E22354.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05346	09044	CUNRPPEN	14E22354.S-R2-D
05346	17584	CUNRPPPH	14E244B0.SU-R-D
05347	00808	CUNEPRD5	14E30328.S-E0-D
05347	00808	CUNRPRD5	14E30328.S-R2-D
05347	00848	CUNEPRD7	14E30350.S-E0-D
05347	00848	CUNRPRD7	14E30350.S-R2-D
05347	00849	CUNEPRD9	14E30351.S-E0-D
05347	00849	CUNRPRD9	14E30351.S-R2-D
05347	00855	CUNEPREX	14E30357.S-E0-D
05347	00855	CUNPRPREX	14E30357.S-R2-D
05347	00866	CUNEPRGD	14E30362.S-E0-D
05347	00866	CUNRPRGD	14E30362.S-R2-D
05347	00872	CUNEPRG0	14E30368.S-E0-D
05347	00872	CUNRPRG0	14E30368.S-R2-D
05347	00878	CUNEPRHA	14E3036E.S-E0-D
05347	00878	CUNRPRHA	14E3036E.S-R2-D
05347	00880	CUNEPRHB	14E30370.S-E0-D
05347	00880	CUNRPRHB	14E30370.S-R2-D
05347	00915	CUNEPRH4	14E30393.S-E0-D
05347	00915	CUNRPRH4	14E30393.S-R2-D
05347	01025	CUNEPRMG	14E30401.S-E0-D
05347	01025	CUNRPRMG	14E30401.S-R2-D
05347	01123	CUNEPRNQ	14E30463.S-E0-D
05347	01123	CUNRPRNQ	14E30463.S-R2-D
05347	01124	CUNEPRNR	14E30464.S-E0-D
05347	01124	CUNRPRNR	14E30464.S-R2-D
05347	01125	CUNEPRNS	14E30465.S-E0-D
05347	01125	CUNRPRNS	14E30465.S-R2-D
05347	01131	CUNEPRN0	14E3046B.S-E0-D
05347	01131	CUNRPRN0	14E3046B.S-R2-D
05347	01148	CUNEPROD	14E3047C.S-E0-D
05347	01148	CUNRPROD	14E3047C.S-R2-D
05347	01154	CUNEPROG	14E30482.S-E0-D
05347	01154	CUNRPROG	14E30482.S-R2-D
05347	01158	CUNEPROK	14E30486.S-E0-D
05347	01158	CUNRPROK	14E30486.S-R2-D
05347	01251	CUNEPRPQ	14E304E3.S-E0-D
05347	01283	CUNEPRQD	14E30503.S-E0-D
05347	01283	CUNRPRQD	14E30503.S-R2-D
05347	17584	CUNRPRPH	14E344B0.SU-R-D
05348	00037	CUNEPTAA	14E40025.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05348	00037	CUNRPTAA	14E40025.S-R2-D
05348	00259	CUNEPTAP	14E40103.S-E0-D
05348	00273	CUNEPTAV	14E40111.S-E0-D
05348	00273	CUNRPTAV	14E40111.S-R2-D
05348	00275	CUNEPTAZ	14E40113.S-E0-D
05348	00275	CUNRPTAZ	14E40113.S-R2-D
05348	00277	CUNEPTA2	14E40115.S-E0-D
05348	00277	CUNRPTA2	14E40115.S-R2-D
05348	00278	CUNEPTA4	14E40116.S-E0-D
05348	00278	CUNRPTA4	14E40116.S-R2-D
05348	00280	CUNEPTA6	14E40118.S-E0-D
05348	00280	CUNRPTA6	14E40118.S-R2-D
05348	00284	CUNEPTBB	14E4011C.S-E0-D
05348	00284	CUNRPTBB	14E4011C.S-R2-D
05348	00285	CUNEPTBE	14E4011D.S-E0-D
05348	00285	CUNRPTBE	14E4011D.S-R2-D
05348	00297	CUNEPTBN	14E40129.S-E0-D
05348	00297	CUNRPTBN	14E40129.S-R2-D
05348	00437	CUNEPTCE	14E401B5.S-E0-D
05348	00437	CUNRPTCE	14E401B5.S-R2-D
05348	00500	CUNEPTCR	14E401F4.S-E0-D
05348	00500	CUNRPTCR	14E401F4.S-R2-D
05348	00808	CUNEPTD5	14E40328.S-E0-D
05348	00808	CUNRPTD5	14E40328.S-R2-D
05348	00819	CUNEPTDH	14E40333.S-E0-D
05348	00819	CUNRPTDH	14E40333.S-R2-D
05348	00850	CUNEPTEB	14E40352.S-E0-D
05348	00850	CUNRPTEB	14E40352.S-R2-D
05348	00858	CUNEPTFI	14E4035A.S-E0-D
05348	00858	CUNRPTFI	14E4035A.S-R2-D
05348	00860	CUNEPTFM	14E4035C.S-E0-D
05348	00860	CUNRPTFM	14E4035C.S-R2-D
05348	00861	CUNEPTFP	14E4035D.S-E0-D
05348	00861	CUNRPTFP	14E4035D.S-R2-D
05348	00863	CUNEPTFV	14E4035F.S-E0-D
05348	00863	CUNRPTFV	14E4035F.S-R2-D
05348	00865	CUNEPTGA	14E40361.S-E0-D
05348	00865	CUNRPTGA	14E40361.S-R2-D
05348	00871	CUNEPTGY	14E40367.S-E0-D
05348	00871	CUNRPTGY	14E40367.S-R2-D
05348	00872	CUNEPTG0	14E40368.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05348	00872	CUNRPTG0	14E40368.S-R2-D
05348	00901	CUNEPTHIS	14E40385.S-E0-D
05348	00901	CUNRPTHS	14E40385.S-R2-D
05348	00902	CUNEPTHU	14E40386.S-E0-D
05348	00902	CUNRPTHU	14E40386.S-R2-D
05348	00923	CUNEPTIF	14E4039B.S-E0-D
05348	00923	CUNRPTIF	14E4039B.S-R2-D
05348	00924	CUNEPTIG	14E4039C.S-E0-D
05348	00924	CUNRPTIG	14E4039C.S-R2-D
05348	01051	CUNEPTM2	14E4041B.S-E0-D
05348	01051	CUNRPTM2	14E4041B.S-R2-D
05348	01140	CUNEPTN5	14E40474.S-E0-D
05348	01140	CUNRPTN5	14E40474.S-R2-D
05348	01141	CUNEPTN6	14E40475.S-E0-D
05348	01141	CUNRPTN6	14E40475.S-R2-D
05348	01142	CUNEPTN7	14E40476.S-E0-D
05348	01142	CUNRPTN7	14E40476.S-R2-D
05348	01143	CUNEPTN8	14E40477.S-E0-D
05348	01143	CUNRPTN8	14E40477.S-R2-D
05348	01144	CUNEPTN9	14E40478.S-E0-D
05348	01144	CUNRPTN9	14E40478.S-R2-D
05348	01145	CUNEPTOA	14E40479.S-E0-D
05348	01145	CUNRPTOA	14E40479.S-R2-D
05348	01146	CUNEPTOB	14E4047A.S-E0-D
05348	01146	CUNRPTOB	14E4047A.S-R2-D
05348	01147	CUNEPTOC	14E4047B.S-E0-D
05348	01147	CUNRPTOC	14E4047B.S-R2-D
05348	01148	CUNEPTOD	14E4047C.S-E0-D
05348	01148	CUNRPTOD	14E4047C.S-R2-D
05348	01149	CUNEPTOE	14E4047D.S-E0-D
05348	01149	CUNRPTOE	14E4047D.S-R2-D
05348	01153	CUNEPTOF	14E40481.S-E0-D
05348	01153	CUNRPTOF	14E40481.S-R2-D
05348	01154	CUNEPTOG	14E40482.S-E0-D
05348	01154	CUNRPTOG	14E40482.S-R2-D
05348	01155	CUNEPTOH	14E40483.S-E0-D
05348	01155	CUNRPTOH	14E40483.S-R2-D
05348	01156	CUNEPTOI	14E40484.S-E0-D
05348	01156	CUNRPTOI	14E40484.S-R2-D
05348	01157	CUNEPTOJ	14E40485.S-E0-D
05348	01157	CUNRPTOJ	14E40485.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05348	01158	CUNEPTOK	14E40486.S-E0-D
05348	01158	CUNRPTOK	14E40486.S-R2-D
05348	01160	CUNEPTOM	14E40488.S-E0-D
05348	01160	CUNRPTOM	14E40488.S-R2-D
05348	01161	CUNEPTON	14E40489.S-E0-D
05348	01161	CUNRPTON	14E40489.S-R2-D
05348	01162	CUNEPTOO	14E4048A.S-E0-D
05348	01162	CUNRPTOO	14E4048A.S-R2-D
05348	01164	CUNEPTOQ	14E4048C.S-E0-D
05348	01164	CUNRPTOQ	14E4048C.S-R2-D
05348	01252	CUNEPTPS	14E404E4.S-E0-D
05348	01275	CUNEPTP6	14E404FB.S-E0-D
05348	01275	CUNRPTP6	14E404FB.S-R2-D
05348	04909	CUNEPTDG	14E4132D.S-E0-D
05348	04909	CUNRPTDG	14E4132D.S-R2-D
05348	04971	CUNEPTG9	14E4136B.S-E0-D
05348	04971	CUNRPTG9	14E4136B.S-R2-D
05348	05123	CUNEPTMJ	14E41403.S-E0-D
05348	09044	CUNEPTEN	14E42354.S-E0-D
05348	09044	CUNRPTEN	14E42354.S-R2-D
05348	09049	CUNEPTFE	14E42359.S-E0-D
05348	09049	CUNRPTFE	14E42359.S-R2-D
05348	09061	CUNEPTGR	14E42365.S-E0-D
05348	09061	CUNRPTGR	14E42365.S-R2-D
05348	16804	CUNEPTB5	14E441A4.S-E0-D
05348	16804	CUNRPTB5	14E441A4.S-R2-D
05348	17248	CUNEPTF2	14E44360.S-E0-D
05348	17248	CUNRPTF2	14E44360.S-R2-D
05348	17584	CUNRPTPH	14E444B0.SU-R-D
05349	00813	CUNEPVDF	14E5032D.S-E0-D
05349	00813	CUNRPVDF	14E5032D.S-R2-D
05349	00869	CUNEPVGP	14E50365.S-E0-D
05349	00869	CUNRPVGP	14E50365.S-R2-D
05349	00875	CUNEPVG8	14E5036B.S-EC-D
05349	00875	CUNRPVG8	14E5036B.S-R2-D
05349	01148	CUNEPVOD	14E5047C.S-E0-D
05349	01148	CUNRPVOD	14E5047C.S-R2-D
05349	01253	CUNEPVPU	14E504E5.S-E0-D
05349	01280	CUNEPVQA	14E50500.S-E0-D
05349	01280	CUNRPVQA	14E50500.S-R2-D
05349	01287	CUNEPVSX	14E50507.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05349	01287	CUNRPVSX	14E50507.S-R2-D
05349	04909	CUNEPVDG	14E5132D.S-E0-D
05349	04909	CUNRPVDG	14E5132D.S-R2-D
05349	04971	CUNEPVG9	14E5136B.S-E0-D
05349	04971	CUNRPVG9	14E5136B.S-R2-D
05349	09061	CUNEPVGR	14E52365.S-E0-D
05349	09061	CUNRPVGR	14E52365.S-R2-D
05349	17584	CUNRPVPH	14E544B0.SU-R-D
05350	00857	CUNEPXFC	14E60359.S-E0-D
05350	00857	CUNRPXFC	14E60359.S-R2-D
05350	00920	CUNEPXIA	14E60398.S-E0-D
05350	00920	CUNRPXIA	14E60398.S-R2-D
05350	01026	CUNEPXMH	14E60402.S-E0-D
05350	01026	CUNRPXMH	14E60402.S-R2-D
05350	01155	CUNEPXOH	14E60483.S-E0-D
05350	01155	CUNRPXOH	14E60483.S-R2-D
05350	01254	CUNEPXPW	14E604E6.S-E0-D
05350	01281	CUNEPXQB	14E60501.S-E0-D
05350	01281	CUNRPXQB	14E60501.S-R2-D
05350	09049	CUNEPXFE	14E62359.S-E0-D
05350	09049	CUNRPXFE	14E62359.S-R2-D
05350	09061	CUNEPXGR	14E62365.S-E0-D
05350	09061	CUNRPXGR	14E62365.S-R2-D
05350	17584	CUNRPXPH	14E644B0.SU-R-D
05351	00424	CUNEPZCA	14E701A8.S-E0-D
05351	00424	CUNRPZCA	14E701A8.S-R2-D
05351	00856	CUNEPZE4	14E70358.S-E0-D
05351	00856	CUNRPZE4	14E70358.S-R2-D
05351	00862	CUNEPZFS	14E7035E.S-E0-D
05351	00862	CUNRPZFS	14E7035E.S-R2-D
05351	00867	CUNEPZGF	14E70363.S-E0-D
05351	00867	CUNRPZGF	14E70363.S-R2-D
05351	00916	CUNEPZH6	14E70394.S-E0-D
05351	00916	CUNRPZH6	14E70394.S-R2-D
05351	01148	CUNEPZOD	14E7047C.S-E0-D
05351	01148	CUNRPZOD	14E7047C.S-R2-D
05351	01255	CUNEPZPY	14E704E7.S-E0-D
05351	04899	CUNEPZDB	14E71323.S-E0-D
05351	04899	CUNRPZDB	14E71323.S-R2-D
05351	09048	CUNEPZE6	14E72358.S-E0-D
05351	09048	CUNRPZE6	14E72358.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05351	12712	CUNEPZCD	14E731A8.S-E0-D
05351	12712	CUNRPZCD	14E731A8.S-R2-D
05351	17584	CUNRPZPH	14E744B0.SU-R-D
05352	00420	CUNCP1B1	14E801A4.S-C0-D
05352	00864	CUNEP1FY	14E80360.S-EC-D
05352	01046	CUNEP1MX	14E80416.S-EC-D
05352	01089	CUNEP1M6	14E80441.S-EC-D
05352	01148	CUNEP1OD	14E8047C.S-E0-D
05352	01148	CUNRP1OD	14E8047C.S-R2-D
05352	01256	CUNEP1P0	14E804E8.S-E0-D
05352	09238	CUNEP1MZ	14E82416.S-EC-D
05352	16804	CUNCP1B5	14E841A4.S-C0-D
05352	17248	CUNEP1F2	14E84360.S-EC-D
05352	17584	CUNRP1PH	14E844B0.SU-R-D
05353	00901	CUNEP3HS	14E90385.S-E0-D
05353	00901	CUNRP3HS	14E90385.S-R2-D
05353	00902	CUNEP3HU	14E90386.S-E0-D
05353	00902	CUNRP3HU	14E90386.S-R2-D
05353	00921	CUNEP3IB	14E90399.S-E0-D
05353	00921	CUNRP3IB	14E90399.S-R2-D
05353	00922	CUNEP3ID	14E9039A.S-E0-D
05353	00922	CUNRP3ID	14E9039A.S-R2-D
05353	01112	CUNEP3NH	14E90458.S-E0-D
05353	01112	CUNRP3NH	14E90458.S-R2-D
05353	01122	CUNEP3NP	14E90462.S-E0-D
05353	01122	CUNRP3NP	14E90462.S-R2-D
05353	01156	CUNEP3OI	14E90484.S-E0-D
05353	01156	CUNRP3OI	14E90484.S-R2-D
05353	01157	CUNEP3OJ	14E90485.S-E0-D
05353	01157	CUNRP3OJ	14E90485.S-R2-D
05353	01257	CUNEP3P2	14E904E9.S-E0-D
05353	17584	CUNRP3PH	14E944B0.SU-R-D
05354	01129	CUNEP5NY	14EA0469.S-E0-D
05354	01129	CUNRP5NY	14EA0469.S-R2-D
05354	01130	CUNEP5NZ	14EA046A.S-E0-D
05354	01130	CUNRP5NZ	14EA046A.S-R2-D
05354	01148	CUNEP5OD	14EA047C.S-E0-D
05354	01148	CUNRP5OD	14EA047C.S-R2-D
05354	01163	CUNEP5OP	14EA048B.S-E0-D
05354	01163	CUNRP5OP	14EA048B.S-R2-D
05354	01164	CUNEP5OQ	14EA048C.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
05354	01164	CUNRP5OQ	14EA048C.S-R2-D
05354	01258	CUNEP5P4	14EA04EA.S-E0-D
05354	17584	CUNRP5PH	14EA44B0.SU-R-D
05478	13488	CUNRQ1PG	156634B0.MU-R-D
05487	17584	CUNCTCPH	156F44B0.MU-C0-A1
08229	13488	CUNCACPG	202534B0.SU-C0-A1
08482	00858	CUNEBJFI	2122035A.S-E0-D
08482	00858	CUNRBJSI	2122035A.S-R2-D
08482	01148	CUNEBJOD	2122047C.S-E0-D
08482	01148	CUNRBJSOD	2122047C.S-R2-D
08482	05123	CUNRBJMJ	21221403.S-RC-D
08482	17584	CUNRBJPH	212244B0.SU-R-D
08612	13488	CUNRB3PG	21A434B0.SU-R-D
09027	17584	CUNEDTPH	234344B0.MU-E-D
09027	21427	CUNEDTKE	234353B3.D-E0-D
09030	13488	CUNED3PG	234634B0.SU-E-D
09042	17584	CUNROVPH	235244B0.SU-R-D
09044	00858	CUNEENFI	2354035A.S-E0-D
09044	00858	CUNRENFI	2354035A.S-R2-D
09044	00859	CUNEENFK	2354035B.S-E0-D
09044	00859	CUNRENFK	2354035B.S-R2-D
09044	00872	CUNEENG0	23540368.S-E0-D
09044	00872	CUNRENG0	23540368.S-R2-D
09044	00923	CUNEENIF	2354039B.S-E0-D
09044	00923	CUNRENIF	2354039B.S-R2-D
09044	00924	CUNEENIG	2354039C.S-E0-D
09044	00924	CUNRENIG	2354039C.S-R2-D
09044	01140	CUNEENN5	23540474.S-E0-D
09044	01140	CUNRENN5	23540474.S-R2-D
09044	01141	CUNEENN6	23540475.S-E0-D
09044	01141	CUNRENN6	23540475.S-R2-D
09044	01142	CUNEENN7	23540476.S-E0-D
09044	01142	CUNRENN7	23540476.S-R2-D
09044	01143	CUNEENN8	23540477.S-E0-D
09044	01143	CUNRENN8	23540477.S-R2-D
09044	01144	CUNEENN9	23540478.S-E0-D
09044	01144	CUNRENN9	23540478.S-R2-D
09044	01145	CUNEENOA	23540479.S-E0-D
09044	01145	CUNRENOA	23540479.S-R2-D
09044	01146	CUNEENOB	2354047A.S-E0-D
09044	01146	CUNRENOB	2354047A.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
09044	01147	CUNEENOC	2354047B.S-E0-D
09044	01147	CUNRENOC	2354047B.S-R2-D
09044	01148	CUNEENOD	2354047C.S-E0-D
09044	01148	CUNRENOD	2354047C.S-R2-D
09044	01149	CUNEENOE	2354047D.S-E0-D
09044	01149	CUNRENOE	2354047D.S-R2-D
09044	01153	CUNEENOF	23540481.S-E0-D
09044	01153	CUNRENOF	23540481.S-R2-D
09044	01154	CUNEENOG	23540482.S-E0-D
09044	01154	CUNRENOG	23540482.S-R2-D
09044	01155	CUNEENOH	23540483.S-E0-D
09044	01155	CUNRENOH	23540483.S-R2-D
09044	01160	CUNEENOM	23540488.S-E0-D
09044	01160	CUNRENOM	23540488.S-R2-D
09044	01161	CUNEENON	23540489.S-E0-D
09044	01161	CUNRENON	23540489.S-R2-D
09044	01162	CUNEENOO	2354048A.S-E0-D
09044	01162	CUNRENOO	2354048A.S-R2-D
09044	04909	CUNEENDG	2354132D.S-E0-D
09044	04909	CUNRENDG	2354132D.S-R2-D
09044	04971	CUNEENG9	2354136B.S-E0-D
09044	04971	CUNRENG9	2354136B.S-R2-D
09044	05346	CUNEENPP	235414E2.S-E0-D
09044	05346	CUNRENPP	235414E2.S-R2-D
09044	05348	CUNEENPT	235414E4.S-E0-D
09044	05348	CUNRENPT	235414E4.S-R2-D
09044	09049	CUNEENFE	23542359.S-E0-D
09044	09049	CUNRENFE	23542359.S-R2-D
09044	09061	CUNEENGR	23542365.S-E0-D
09044	09061	CUNRENGR	23542365.S-R2-D
09044	12712	CUNEENCD	235431A8.S-E0-D
09044	12712	CUNRENCD	235431A8.S-R2-D
09044	16804	CUNEENB5	235441A4.S-E0-D
09044	16804	CUNRENB5	235441A4.S-R2-D
09044	17584	CUNRENPH	235444B0.SU-R-D
09048	00867	CUNEE6GF	23580363.S-E0-D
09048	00867	CUNRE6GF	23580363.S-R2-D
09048	04899	CUNEE6DB	23581323.S-E0-D
09048	04899	CUNRE6DB	23581323.S-R2-D
09048	05351	CUNEE6PZ	235814E7.S-E0-D
09048	05351	CUNRE6PZ	235814E7.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
09048	12712	CUNEE6CD	235831A8.S-E0-D
09048	12712	CUNRE6CD	235831A8.S-R2-D
09048	17584	CUNRE6PH	235844B0.SU-R-D
09049	00858	CUNEFEFI	2359035A.S-E0-D
09049	00858	CUNRFEFI	2359035A.S-R2-D
09049	00859	CUNEFEFK	2359035B.S-E0-D
09049	00859	CUNRFEFK	2359035B.S-R2-D
09049	00872	CUNEFG0	23590368.S-E0-D
09049	00872	CUNRFEG0	23590368.S-R2-D
09049	00923	CUNEFEIF	2359039B.S-E0-D
09049	00923	CUNRFEIF	2359039B.S-R2-D
09049	00924	CUNEFEIG	2359039C.S-E0-D
09049	00924	CUNRFEIG	2359039C.S-R2-D
09049	01140	CUNEFEN5	23590474.S-E0-D
09049	01140	CUNRFEN5	23590474.S-R2-D
09049	01141	CUNEFEN6	23590475.S-E0-D
09049	01141	CUNRFEN6	23590475.S-R2-D
09049	01142	CUNEFEN7	23590476.S-E0-D
09049	01142	CUNRFEN7	23590476.S-R2-D
09049	01143	CUNEFEN8	23590477.S-E0-D
09049	01143	CUNRFEN8	23590477.S-R2-D
09049	01144	CUNEFEN9	23590478.S-E0-D
09049	01144	CUNRFEN9	23590478.S-R2-D
09049	01145	CUNEFEAO	23590479.S-E0-D
09049	01145	CUNRFEOA	23590479.S-R2-D
09049	01146	CUNEFEBO	2359047A.S-E0-D
09049	01146	CUNRFEOB	2359047A.S-R2-D
09049	01147	CUNEFEOC	2359047B.S-E0-D
09049	01147	CUNRFEOC	2359047B.S-R2-D
09049	01148	CUNEFEOD	2359047C.S-E0-D
09049	01148	CUNRFEOD	2359047C.S-R2-D
09049	01149	CUNEFEOE	2359047D.S-E0-D
09049	01149	CUNRFEOE	2359047D.S-R2-D
09049	01153	CUNEFEOF	23590481.S-E0-D
09049	01153	CUNRFEOF	23590481.S-R2-D
09049	01154	CUNEFEOG	23590482.S-E0-D
09049	01154	CUNRFEOG	23590482.S-R2-D
09049	01155	CUNEFEOH	23590483.S-E0-D
09049	01155	CUNRFEOH	23590483.S-R2-D
09049	01160	CUNEFEOM	23590488.S-E0-D
09049	01160	CUNRFEOOM	23590488.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
09049	01161	CUNEFEOON	23590489.S-E0-D
09049	01161	CUNRFEON	23590489.S-R2-D
09049	01162	CUNEFEOO	2359048A.S-E0-D
09049	01162	CUNRFEOO	2359048A.S-R2-D
09049	04909	CUNEFEDG	2359132D.S-E0-D
09049	04909	CUNRFEDG	2359132D.S-R2-D
09049	04971	CUNEFEG9	2359136B.S-E0-D
09049	04971	CUNRFEG9	2359136B.S-R2-D
09049	05348	CUNEFEPT	235914E4.S-E0-D
09049	05348	CUNRFEP	235914E4.S-R2-D
09049	05350	CUNEFEPX	235914E6.S-E0-D
09049	05350	CUNRFEPX	235914E6.S-R2-D
09049	09044	CUNEFEEEN	23592354.S-E0-D
09049	09044	CUNRFEEEN	23592354.S-R2-D
09049	09061	CUNEFEGR	23592365.S-E0-D
09049	09061	CUNRFEGR	23592365.S-R2-D
09049	12712	CUNEFEC	235931A8.S-E0-D
09049	12712	CUNRFEC	235931A8.S-R2-D
09049	16804	CUNEFEB5	235941A4.S-E0-D
09049	16804	CUNRFEB5	235941A4.S-R2-D
09049	17584	CUNRFEPH	235944B0.SU-R-D
09056	13488	CUNRF0PG	236034B0.SU-R-D
09061	00858	CUNEGRFI	2365035A.S-E0-D
09061	00858	CUNRGRI	2365035A.S-R2-D
09061	00859	CUNEGRFK	2365035B.S-E0-D
09061	00859	CUNRGRI	2365035B.S-R2-D
09061	00923	CUNERGRIF	2365039B.S-E0-D
09061	00923	CUNRGRI	2365039B.S-R2-D
09061	00924	CUNERGRIG	2365039C.S-E0-D
09061	00924	CUNRGRI	2365039C.S-R2-D
09061	01140	CUNEGRN5	23650474.S-E0-D
09061	01140	CUNRGRI	23650474.S-R2-D
09061	01141	CUNEGRN6	23650475.S-E0-D
09061	01141	CUNRGRI	23650475.S-R2-D
09061	01142	CUNEGRN7	23650476.S-E0-D
09061	01142	CUNRGRI	23650476.S-R2-D
09061	01143	CUNEGRN8	23650477.S-E0-D
09061	01143	CUNRGRI	23650477.S-R2-D
09061	01144	CUNEGRN9	23650478.S-E0-D
09061	01144	CUNRGRI	23650478.S-R2-D
09061	01145	CUNEGROA	23650479.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
09061	01145	CUNRGROA	23650479.S-R2-D
09061	01146	CUNEGROB	2365047A.S-E0-D
09061	01146	CUNRGROB	2365047A.S-R2-D
09061	01147	CUNEGROC	2365047B.S-E0-D
09061	01147	CUNRGROC	2365047B.S-R2-D
09061	01148	CUNEGROD	2365047C.S-E0-D
09061	01148	CUNRGROD	2365047C.S-R2-D
09061	01149	CUNEGROE	2365047D.S-E0-D
09061	01149	CUNRGROE	2365047D.S-R2-D
09061	01153	CUNEGROF	23650481.S-E0-D
09061	01153	CUNRGROF	23650481.S-R2-D
09061	01154	CUNEGROG	23650482.S-E0-D
09061	01154	CUNRGROG	23650482.S-R2-D
09061	01155	CUNEGROH	23650483.S-E0-D
09061	01155	CUNRGROH	23650483.S-R2-D
09061	01160	CUNEGROM	23650488.S-E0-D
09061	01160	CUNRGROM	23650488.S-R2-D
09061	01161	CUNEGRON	23650489.S-E0-D
09061	01161	CUNRGRON	23650489.S-R2-D
09061	01162	CUNEGROO	2365048A.S-E0-D
09061	01162	CUNRGROO	2365048A.S-R2-D
09061	04909	CUNEGRDG	2365132D.S-E0-D
09061	04909	CUNRGRDG	2365132D.S-R2-D
09061	04971	CUNEGRG9	2365136B.S-E0-D
09061	04971	CUNRGRG9	2365136B.S-R2-D
09061	05348	CUNEGRPT	236514E4.S-E0-D
09061	05348	CUNRGRPT	236514E4.S-R2-D
09061	05349	CUNEGRPV	236514E5.S-E0-D
09061	05349	CUNRGRPV	236514E5.S-R2-D
09061	05350	CUNEGRPX	236514E6.S-E0-D
09061	05350	CUNRGRPX	236514E6.S-R2-D
09061	09044	CUNEGREN	23652354.S-E0-D
09061	09044	CUNRGREN	23652354.S-R2-D
09061	09049	CUNEGRFE	23652359.S-E0-D
09061	09049	CUNRGRFE	23652359.S-R2-D
09061	17584	CUNRGRPH	236544B0.SU-R-D
09064	17584	CUNRO8PH	236844B0.SU-R-D
09066	13488	CUNEG5PG	236A34B0.SU-E-D
09088	13488	CUNCS0PG	238034B0.SU-C0-A1
09088	13488	CUNES0PG	238034B0.SU-E-D
09088	13488	CUNMS0PG	238034B0.SU-C0-A2

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
09088	13488	CUNRS0PG	238034B0.SU-R-D
09144	13488	CUNRS1PG	23B834B0.MU-R-D
09145	13488	CUNEK0PG	23B934B0.MU-E-D
09145	13488	CUNRK0PG	23B934B0.MU-R-D
09163	13488	CUNRS2PG	23CB34B0.MU-R-D
09238	00924	CUNEMZIG	2416039C.S-E0-D
09238	00924	CUNRMZIG	2416039C.S-R2-D
09238	01148	CUNEMZOD	2416047C.S-E0-D
09238	01148	CUNRMZOD	2416047C.S-R2-D
09238	05352	CUNEMZP1	241614E8.S-EC-D
09238	16804	CUNCMZB5	241641A4.S-C0-D
09238	17248	CUNCMZF2	24164360.S-C0-D
09238	17584	CUNRMZPH	241644B0.SU-R-D
09306	17584	CUNRPAPH	245A44B0.SU-R-D
09444	17584	CUNCTEPH	24E444B0.SU-C0-A1
09444	21680	CUNCTETH	24E454B0.SU-C0-A1
09574	13488	CUNRS9PG	256634B0.MU-R-D
09577	17584	CUNCTDPH	256944B0.MU-C0-A1
09577	21680	CUNCTDTH	256954B0.MU-C0-A1
12712	00862	CUNECDFS	31A8035E.S-E0-D
12712	00862	CUNRCDFS	31A8035E.S-R2-D
12712	00867	CUNECDGF	31A80363.S-E0-D
12712	00867	CUNRCDFG	31A80363.S-R2-D
12712	01148	CUNECDOD	31A8047C.S-E0-D
12712	01148	CUNRCDDOD	31A8047C.S-R2-D
12712	01156	CUNECDOI	31A80484.S-E0-D
12712	01156	CUNRCDOI	31A80484.S-R2-D
12712	01157	CUNECDQJ	31A80485.S-E0-D
12712	01157	CUNRCDOJ	31A80485.S-R2-D
12712	04899	CUNECDDB	31A81323.S-E0-D
12712	04899	CUNRCDDB	31A81323.S-R2-D
12712	05012	CUNECDH7	31A81394.S-E0-D
12712	05012	CUNRCDH7	31A81394.S-RC-D
12712	05351	CUNECDPZ	31A814E7.S-E0-D
12712	05351	CUNRCDPZ	31A814E7.S-R2-D
12712	09044	CUNECDEN	31A82354.S-E0-D
12712	09044	CUNRCDEN	31A82354.S-R2-D
12712	09048	CUNECDDE6	31A82358.S-E0-D
12712	09048	CUNRCDE6	31A82358.S-R2-D
12712	09049	CUNECDFE	31A82359.S-E0-D
12712	09049	CUNRCDFE	31A82359.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
12712	16804	CUNECDB5	31A841A4.S-E0-D
12712	16804	CUNRCDB5	31A841A4.S-R2-D
12712	17248	CUNECDF2	31A84360.S-E0-D
12712	17248	CUNRCDF2	31A84360.S-R2-D
12712	17584	CUNRCDPH	31A844B0.SU-R-D
13121	01126	CUNEDLNT	33410466.S-E0-D
13121	17584	CUNRDLPH	334144B0.SU-R-D
13124	13488	CUNRDXPG	334434B0.SU-R-D
13140	17584	CUNRPBPH	335444B0.SU-R-D
13143	17584	CUNROWPH	335744B0.SU-R-D
13145	17584	CUNRPCPH	335944B0.SU-R-D
13156	17584	CUNRO7PH	336444B0.SU-R-D
13157	17584	CUNRPDPH	336544B0.SU-R-D
13162	17584	CUNRO9PH	336A44B0.SU-R-D
13184	13488	CUNRS5PG	338034B0.SU-R-A1
13184	13488	CUNMS5PG	338034B0.SU-R-A2
13185	13488	CUNCHNPG	338134B0.SU-C0-A1
13185	13488	CUNMHNPG	338134B0.SU-C0-A2
13240	13488	CUNRS6PG	33B834B0.MU-R-D
13241	13488	CUNRS3PG	33B934B0.MU-R-D
13241	17584	CUNRS3PH	33B944B0.MU-R-D
13488	00037	CUNEPGAA	34B00025.US-E-D
13488	00037	CUNLPGAA	34B00025.US-E-D
13488	00256	CUNEPGAJ	34B00100.US-E-D
13488	00259	CUNEPGAP	34B00103.US-E-D
13488	00273	CUNEPGAV	34B00111.US-E-D
13488	00273	CUNLPGAV	34B00111.US-E-D
13488	00275	CUNEPGAZ	34B00113.US-E-D
13488	00275	CUNLPGAZ	34B00113.US-E-D
13488	00277	CUNEPGA2	34B00115.US-E-D
13488	00277	CUNLPGA2	34B00115.US-E-D
13488	00278	CUNEPGA4	34B00116.US-E-D
13488	00278	CUNLPGA4	34B00116.US-E-D
13488	00280	CUNEPGA6	34B00118.US-E-D
13488	00280	CUNLPGA6	34B00118.US-E-D
13488	00282	CUNEPGA9	34B0011A.US-E-D
13488	00282	CUNLPGA9	34B0011A.US-E-D
13488	00284	CUNEPGBB	34B0011C.US-E-D
13488	00284	CUNLPGBB	34B0011C.US-E-D
13488	00285	CUNEPGBE	34B0011D.US-E-D
13488	00285	CUNLPGBE	34B0011D.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	00290	CUNC PGBH	34B00122.US-C0-A1
13488	00290	CUN X PGBH	34B00122.US-C0-A1
13488	00290	CUNE PGBH	34B00122.US-E-D
13488	00290	CUNL PGBH	34B00122.US-E-D
13488	00293	CUNE PGBL	34B00125.US-E-D
13488	00297	CUNE PGBN	34B00129.US-E-D
13488	00297	CUNL PGBN	34B00129.US-E-D
13488	00300	CUNE PGHQ	34B0012C.UM-E-D
13488	00300	CUNL PGHQ	34B0012C.UM-E-D
13488	00301	CUNE PGBV	34B0012D.UM-E-D
13488	00367	CUNC PGB0	34B0016F.US-C0-A1
13488	00367	CUN X PGB0	34B0016F.US-C0-A1
13488	00367	CUNE PGB0	34B0016F.US-E-D
13488	00420	CUNC PGB1	34B001A4.US-C0-D
13488	00420	CUNE PGB1	34B001A4.US-E-D
13488	00420	CUNL PGB1	34B001A4.US-E-D
13488	00423	CUNE PG8	34B001A7.US-E-D
13488	00424	CUNE PGCA	34B001A8.US-E-D
13488	00424	CUNL PGCA	34B001A8.US-E-D
13488	00437	CUNE PGCE	34B001B5.US-E-D
13488	00500	CUNE PGCR	34B001F4.US-E-D
13488	00500	CUNL PGCR	34B001F4.US-E-D
13488	00720	CUNE PGC5	34B002D0.US-E-D
13488	00737	CUNE PGC6	34B002E1.US-E-D
13488	00775	CUNE PGC8	34B00307.US-E-D
13488	00803	CUNR PGDA	34B00323.US-R-D
13488	00806	CUNE PGDC	34B00326.US-E-D
13488	00813	CUNE PGDF	34B0032D.US-E-D
13488	00813	CUNL PGDF	34B0032D.US-E-D
13488	00819	CUNE PGDH	34B00333.US-E-D
13488	00819	CUNL PGDH	34B00333.US-E-D
13488	00833	CUNC PGDI	34B00341.US-C0-A1
13488	00833	CUNX PGDI	34B00341.US-C0-A1
13488	00833	CUNE PGDI	34B00341.US-E-D
13488	00833	CUNL PGDI	34B00341.US-E-D
13488	00834	CUNE PGDM	34B00342.UM-E-D
13488	00834	CUNL PGDM	34B00342.UM-E-D
13488	00835	CUNE PGDR	34B00343.UM-E-D
13488	00835	CUNL PGDR	34B00343.UM-E-D
13488	00836	CUNC PGDU	34B00344.US-C0-A1
13488	00836	CUNX PGDU	34B00344.US-C0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	00836	CUNEPGDU	34B00344.US-E-D
13488	00836	CUNLPGDU	34B00344.US-E-D
13488	00837	CUNEPGDY	34B00345.UM-E-D
13488	00837	CUNLPGDY	34B00345.UM-E-D
13488	00838	CUNEPGD1	34B00346.US-E-D
13488	00838	CUNLPGD1	34B00346.US-E-D
13488	00850	CUNEPGEB	34B00352.US-E-D
13488	00850	CUNLPGEB	34B00352.US-E-D
13488	00851	CUNEPGEG	34B00353.US-E-D
13488	00852	CUNEPGEL	34B00354.US-E-D
13488	00852	CUNLPGEL	34B00354.US-E-D
13488	00855	CUNEPGEX	34B00357.US-E-D
13488	00855	CUNLPGEX	34B00357.US-E-D
13488	00856	CUNEPGE4	34B00358.US-E-D
13488	00856	CUNLPGE4	34B00358.US-E-D
13488	00857	CUNEPGFC	34B00359.US-E-D
13488	00860	CUNEPGM	34B0035C.US-E-D
13488	00861	CUNEPGFP	34B0035D.US-E-D
13488	00861	CUNLPGFP	34B0035D.US-E-D
13488	00862	CUNEPGFS	34B0035E.US-E-D
13488	00862	CUNLPGFS	34B0035E.US-E-D
13488	00863	CUNEPGFV	34B0035F.US-E-D
13488	00864	CUNCPGFY	34B00360.US-C0-D
13488	00864	CUNEPGFY	34B00360.US-E-D
13488	00864	CUNLPGFY	34B00360.US-E-D
13488	00865	CUNEPGGA	34B00361.US-E-D
13488	00866	CUNEPGGD	34B00362.US-E-D
13488	00866	CUNLPGGD	34B00362.US-E-D
13488	00868	CUNEPGGH	34B00364.US-E-D
13488	00869	CUNEPGGP	34B00365.US-E-D
13488	00869	CUNLPGGP	34B00365.US-E-D
13488	00870	CUNEPGGW	34B00366.US-E-D
13488	00870	CUNLPGGW	34B00366.US-E-D
13488	00871	CUNEPGGY	34B00367.US-E-D
13488	00871	CUNLPGGY	34B00367.US-E-D
13488	00874	CUNEPGG3	34B0036A.US-E-D
13488	00874	CUNLPGG3	34B0036A.US-E-D
13488	00875	CUNEPGG8	34B0036B.US-E-D
13488	00875	CUNLPGG8	34B0036B.US-E-D
13488	00878	CUNEPGHA	34B0036E.US-E-D
13488	00880	CUNEPGHB	34B00370.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	00880	CUNLPGHB	34B00370.US-E-D
13488	00891	CUNC PGHD	34B0037B.US-C0-A1
13488	00891	CUNX PGHD	34B0037B.US-C0-A1
13488	00891	CUNE PGHD	34B0037B.US-E-D
13488	00895	CUNC PGHH	34B0037F.US-C0-A1
13488	00895	CUNX PGHH	34B0037F.US-C0-A1
13488	00895	CUNM PGHH	34B0037F.US-C0-A2
13488	00895	CUNE PGHH	34B0037F.US-E-D
13488	00896	CUNCPGHI	34B00380.US-C0-A1
13488	00896	CUNX PGHI	34B00380.US-C0-A1
13488	00896	CUNM PGHI	34B00380.US-C0-A2
13488	00896	CUNE PGHI	34B00380.US-E-D
13488	00897	CUNC PGHK	34B00381.US-C0-A1
13488	00897	CUNX PGHK	34B00381.US-C0-A1
13488	00897	CUNM PGHK	34B00381.US-C0-A2
13488	00897	CUNE PGHK	34B00381.US-E-D
13488	00903	CUNC PGHW	34B00387.US-C0-A1
13488	00903	CUNX PGHW	34B00387.US-C0-A1
13488	00903	CUNM PGHW	34B00387.US-E-D
13488	00904	CUNC PGHY	34B00388.US-C0-A1
13488	00904	CUNX PGHY	34B00388.US-C0-A1
13488	00904	CUNE PGHY	34B00388.US-E-D
13488	00904	CUNL PGHY	34B00388.US-E-D
13488	00905	CUNE PGH0	34B00389.US-E-D
13488	00912	CUNE PGH1	34B00390.US-E-D
13488	00912	CUNL PGH1	34B00390.US-E-D
13488	00914	CUNE PGH3	34B00392.US-E-D
13488	00915	CUNE PGH4	34B00393.US-E-D
13488	00915	CUNL PGH4	34B00393.US-E-D
13488	00916	CUNE PGH6	34B00394.US-E-D
13488	00916	CUNL PGH6	34B00394.US-E-D
13488	00918	CUNE PGH8	34B00396.US-E-D
13488	00920	CUNE PGIA	34B00398.US-E-D
13488	00920	CUNL PGIA	34B00398.US-E-D
13488	00921	CUNE PGIB	34B00399.US-E-D
13488	00921	CUNL PGIB	34B00399.US-E-D
13488	00922	CUNE PGID	34B0039A.US-E-D
13488	00922	CUNL PGID	34B0039A.US-E-D
13488	00927	CUNE PGIJ	34B0039F.UM-E-D
13488	00927	CUNL PGIJ	34B0039F.UM-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	00928	CUNEPGIM	34B003A0.UM-E-D
13488	00941	CUNEPGJP	34B003AD.UM-E-D
13488	00947	CUNEPGJ9	34B003B3.UM-E-D
13488	00951	CUNEPGKS	34B003B7.UM-E-D
13488	00951	CUNLPGKS	34B003B7.UM-E-D
13488	00952	CUNEPGKW	34B003B8.UM-E-D
13488	00955	CUNEPGK6	34B003BB.UM-E-D
13488	00963	CUNEPGLI	34B003C3.UM-E-D
13488	00971	CUNEPGLT	34B003CB.UM-E-D
13488	01004	CUNEPGLW	34B003EC.US-E-D
13488	01006	CUNEPGLZ	34B003EE.US-E-D
13488	01008	CUNEPGL0	34B003F0.US-E-D
13488	01009	CUNEPGL2	34B003F1.US-E-D
13488	01010	CUNEPGL3	34B003F2.US-E-D
13488	01011	CUNEPGL4	34B003F3.US-E-D
13488	01012	CUNEPGL5	34B003F4.US-E-D
13488	01013	CUNEPGL6	34B003F5.US-E-D
13488	01014	CUNEPGL7	34B003F6.US-E-D
13488	01015	CUNEPGL8	34B003F7.US-E-D
13488	01016	CUNEPGL9	34B003F8.US-E-D
13488	01017	CUNEPGMA	34B003F9.US-E-D
13488	01018	CUNEPGMB	34B003FA.US-E-D
13488	01019	CUNEPGMC	34B003FB.US-E-D
13488	01025	CUNEPGMG	34B00401.US-E-D
13488	01025	CUNLPGMG	34B00401.US-E-D
13488	01026	CUNEPGMH	34B00402.US-E-D
13488	01026	CUNLPGMH	34B00402.US-E-D
13488	01027	CUNC PGMI	34B00403.US-C0-A1
13488	01027	CUNX PGMI	34B00403.US-C0-A1
13488	01027	CUNEPGMI	34B00403.US-E-D
13488	01027	CUNLPGMI	34B00403.US-E-D
13488	01040	CUNC PGMK	34B00410.US-C0-A1
13488	01040	CUNX PGMK	34B00410.US-C0-A1
13488	01040	CUNEPGMK	34B00410.US-E-D
13488	01041	CUNC PGMN	34B00411.US-C0-A1
13488	01041	CUNX PGMN	34B00411.US-C0-A1
13488	01041	CUNMPGMN	34B00411.US-C0-A2
13488	01041	CUNEPGMN	34B00411.US-E-D
13488	01042	CUNC PGMR	34B00412.US-C0-A1
13488	01042	CUNX PGMR	34B00412.US-C0-A1
13488	01042	CUNEPGMR	34B00412.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	01043	CUNCPGMU	34B00413.US-C0-A1
13488	01043	CUNXPGMU	34B00413.US-C0-A1
13488	01043	CUNEPMU	34B00413.US-E-D
13488	01046	CUNEPMX	34B00416.US-E-D
13488	01046	CUNLPMX	34B00416.US-E-D
13488	01047	CUNEPM0	34B00417.US-E-D
13488	01047	CUNLPM0	34B00417.US-E-D
13488	01051	CUNEPM2	34B0041B.US-E-D
13488	01088	CUNCPCM3	34B00440.US-C0-A1
13488	01088	CUNXPCM3	34B00440.US-C0-A1
13488	01088	CUNMPCM3	34B00440.US-C0-A2
13488	01088	CUNEPM3	34B00440.US-E-D
13488	01088	CUNLPM3	34B00440.US-E-D
13488	01089	CUNEPM6	34B00441.US-E-D
13488	01089	CUNLPM6	34B00441.US-E-D
13488	01097	CUNEPM7	34B00449.US-E-D
13488	01098	CUNEPM8	34B0044A.US-E-D
13488	01112	CUNEPMH	34B00458.US-E-D
13488	01112	CUNLPMH	34B00458.US-E-D
13488	01114	CUNCPGNI	34B0045A.US-C0-A1
13488	01114	CUNXPGNI	34B0045A.US-C0-A1
13488	01114	CUNEPMNI	34B0045A.US-E-D
13488	01115	CUNCPGNM	34B0045B.US-C0-A1
13488	01115	CUNXPGNM	34B0045B.US-C0-A1
13488	01115	CUNEPMNM	34B0045B.US-E-D
13488	01115	CUNLPMNM	34B0045B.US-E-D
13488	01122	CUNEPMNP	34B00462.US-E-D
13488	01123	CUNEPMNQ	34B00463.US-E-D
13488	01124	CUNEPMNR	34B00464.US-E-D
13488	01125	CUNEPMNS	34B00465.US-E-D
13488	01126	CUNCNGT	34B00466.US-C0-A1
13488	01126	CUNXNGT	34B00466.US-C0-A1
13488	01126	CUNMPNGT	34B00466.US-C0-A2
13488	01126	CUNEPMGT	34B00466.US-E-D
13488	01129	CUNEPMNY	34B00469.US-E-D
13488	01130	CUNEPMNZ	34B0046A.US-E-D
13488	01131	CUNEPMN0	34B0046B.US-E-D
13488	01132	CUNEPMN1	34B0046C.US-E-D
13488	01133	CUNEPMN2	34B0046D.US-E-D
13488	01137	CUNEPMN3	34B00471.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	01250	CUNEPGPO	34B004E2.US-E-D
13488	01250	CUNLPGPO	34B004E2.US-E-D
13488	01251	CUNEPGPQ	34B004E3.US-E-D
13488	01251	CUNLPGPQ	34B004E3.US-E-D
13488	01252	CUNEPGPS	34B004E4.US-E-D
13488	01252	CUNLPGPS	34B004E4.US-E-D
13488	01253	CUNEPGPU	34B004E5.US-E-D
13488	01253	CUNLPGPU	34B004E5.US-E-D
13488	01254	CUNEPGPW	34B004E6.US-E-D
13488	01254	CUNLPGPW	34B004E6.US-E-D
13488	01255	CUNEPGPY	34B004E7.US-E-D
13488	01255	CUNLPGPY	34B004E7.US-E-D
13488	01256	CUNEPGP0	34B004E8.US-E-D
13488	01256	CUNLPGP0	34B004E8.US-E-D
13488	01257	CUNEPGP2	34B004E9.US-E-D
13488	01258	CUNEPGP4	34B004EA.US-E-D
13488	01275	CUNEPGP6	34B004FB.US-E-D
13488	01276	CUNEPGP7	34B004FC.US-E-D
13488	01277	CUNEPGP8	34B004FD.US-E-D
13488	01280	CUNEPGQA	34B00500.US-E-D
13488	01281	CUNEPGQB	34B00501.US-E-D
13488	01282	CUNEPGQC	34B00502.US-E-D
13488	01283	CUNEPGQD	34B00503.US-E-D
13488	01284	CUNEPGQE	34B00504.US-E-D
13488	01285	CUNEPGQF	34B00505.US-E-D
13488	01351	CUNEPGQI	34B00547.UM-E-D
13488	01362	CUNEPGQJ	34B00552.UM-E-D
13488	01380	CUNEPGQV	34B00564.UM-E-D
13488	01380	CUNLPGQV	34B00564.UM-E-D
13488	01382	CUNEPGQ0	34B00566.UM-E-D
13488	01385	CUNEPGQ6	34B00569.UM-E-D
13488	04386	CUNCPGBI	34B01122.US-C0-A1
13488	04386	CUNXPGBI	34B01122.US-C0-A1
13488	04396	CUNEPGBR	34B0112C.UM-E-D
13488	04929	CUNCPGDJ	34B01341.US-C0-A1
13488	04930	CUNEPGDN	34B01342.UM-E-D
13488	04932	CUNCPGDV	34B01344.US-C0-A1
13488	04933	CUNEPGDZ	34B01345.UM-E-D
13488	04948	CUNEPGEM	34B01354.US-E-D
13488	04951	CUNEPGEY	34B01357.US-E-D
13488	04952	CUNEPGE5	34B01358.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
13488	04960	CUNEPGFZ	34B01360.US-E-D
13488	05012	CUNEPGH7	34B01394.US-E-D
13488	05047	CUNEPGKT	34B013B7.UM-E-D
13488	05048	CUNEPGKX	34B013B8.UM-E-D
13488	05049	CUNEPGKZ	34B013B9.UM-E-D
13488	05067	CUNEPGLU	34B013CB.UM-E-D
13488	05142	CUNEPGMY	34B01416.US-E-D
13488	05478	CUNEPGQ1	34B01566.UM-E-D
13488	08229	CUNCPGAC	34B02025.US-C0-A1
13488	08229	CUNXPGAC	34B02025.US-C0-A1
13488	08612	CUNEPGB3	34B021A4.US-E-D
13488	09030	CUNEPGD3	34B02346.US-E-D
13488	09056	CUNEPGF0	34B02360.US-E-D
13488	09066	CUNEPGG5	34B0236A.US-E-D
13488	09088	CUNCPGS0	34B02380.US-C0-A1
13488	09088	CUNEPGS0	34B02380.US-E-D
13488	09088	CUNRPGS0	34B02380.US-R-D
13488	09088	CUNXPGS0	34B02380.US-C0-A1
13488	09088	CUNMPGS0	34B02380.US-C0-A2
13488	09144	CUNEPGS1	34B023B8.UM-E-D
13488	09145	CUNEPGK0	34B023B9.UM-E-D
13488	09163	CUNEPGS2	34B023CB.UM-E-D
13488	09574	CUNEPGS9	34B02566.UM-E-D
13488	13124	CUNCPGDX	34B03344.US-C0-A1
13488	13124	CUNEPGDX	34B03344.US-E-D
13488	13124	CUNXPGDX	34B03344.US-C0-A1
13488	13184	CUNCPGS5	34B03380.US-C0-A1
13488	13184	CUNXPGS5	34B03380.US-C0-A2
13488	13185	CUNCPGHN	34B03381.US-C0-A1
13488	13185	CUNXPGHN	34B03381.US-C0-A1
13488	13185	CUNMPGHN	34B03381.US-C0-A2
13488	13240	CUNEPGS6	34B033B8.UM-E-D
13488	13241	CUNEPGS3	34B033B9.UM-E-D
13488	21433	CUNEPGS7	34B053B9.UM-E-D
13488	28709	CUNCPGAH	34B07025.US-C0-A1
13488	28709	CUNXPGAH	34B07025.US-C0-A1
13488	28709	CUNEPGAH	34B07025.US-E-D
13488	33058	CUNCPGBK	34B08122.US-C0-D
16684	17584	CUNRBUPH	412C44B0.MU-R-D
16804	00858	CUNEB5FI	41A4035A.S-E0-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
16804	00858	CUNRB5FI	41A4035A.S-R2-D
16804	00859	CUNEB5FK	41A4035B.S-E0-D
16804	00859	CUNRB5FK	41A4035B.S-R2-D
16804	00867	CUNEB5GF	41A40363.S-E0-D
16804	00867	CUNRB5GF	41A40363.S-R2-D
16804	00923	CUNEB5IF	41A4039B.S-E0-D
16804	00923	CUNRB5IF	41A4039B.S-R2-D
16804	00924	CUNEB5IG	41A4039C.S-E0-D
16804	00924	CUNRB5IG	41A4039C.S-R2-D
16804	01140	CUNEB5N5	41A40474.S-E0-D
16804	01140	CUNRB5N5	41A40474.S-R2-D
16804	01148	CUNEB5OD	41A4047C.S-E0-D
16804	01148	CUNRB5OD	41A4047C.S-R2-D
16804	01154	CUNEB5OG	41A40482.S-E0-D
16804	01154	CUNRB5OG	41A40482.S-R2-D
16804	01155	CUNEB5OH	41A40483.S-E0-D
16804	01155	CUNRB5OH	41A40483.S-R2-D
16804	01156	CUNEB5OI	41A40484.S-E0-D
16804	01156	CUNRB5OI	41A40484.S-R2-D
16804	01157	CUNEB5OJ	41A40485.S-E0-D
16804	01157	CUNRB5OJ	41A40485.S-R2-D
16804	05104	CUNEB5L1	41A413F0.S-E0-D
16804	05104	CUNRB5L1	41A413F0.S-R2-D
16804	05348	CUNEB5PT	41A414E4.S-E0-D
16804	05348	CUNRB5PT	41A414E4.S-R2-D
16804	05352	CUNCB5P1	41A414E8.S-C0-D
16804	09044	CUNEB5EN	41A42354.S-E0-D
16804	09044	CUNRB5EN	41A42354.S-R2-D
16804	09049	CUNEB5FE	41A42359.S-E0-D
16804	09049	CUNRB5FE	41A42359.S-R2-D
16804	09238	CUNCB5MZ	41A42416.S-C0-D
16804	12712	CUNEB5CD	41A431A8.S-E0-D
16804	12712	CUNRB5CD	41A431A8.S-R2-D
16804	17248	CUNEB5F2	41A44360.S-E0-D
16804	17248	CUNRB5F2	41A44360.S-RC-D
16804	17584	CUNRB5PH	41A444B0.SU-R-D
17240	17584	CUNROXPH	435844B0.SU-R-D
17248	00858	CUNEF2FI	4360035A.S-E0-D
17248	00858	CUNRF2FI	4360035A.S-R2-D
17248	00859	CUNEF2FK	4360035B.S-E0-D
17248	00859	CUNRF2FK	4360035B.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
17248	00923	CUNEF2IF	4360039B.S-E0-D
17248	00923	CUNRF2IF	4360039B.S-R2-D
17248	00924	CUNEF2IG	4360039C.S-E0-D
17248	00924	CUNRF2IG	4360039C.S-R2-D
17248	01140	CUNEF2N5	43600474.S-E0-D
17248	01140	CUNRF2N5	43600474.S-R2-D
17248	01141	CUNEF2N6	43600475.S-E0-D
17248	01141	CUNRF2N6	43600475.S-R2-D
17248	01142	CUNEF2N7	43600476.S-E0-D
17248	01142	CUNRF2N7	43600476.S-R2-D
17248	01143	CUNEF2N8	43600477.S-E0-D
17248	01143	CUNRF2N8	43600477.S-R2-D
17248	01144	CUNEF2N9	43600478.S-E0-D
17248	01144	CUNRF2N9	43600478.S-R2-D
17248	01145	CUNEF2OA	43600479.S-E0-D
17248	01145	CUNRF2OA	43600479.S-R2-D
17248	01146	CUNEF2OB	4360047A.S-E0-D
17248	01146	CUNRF2OB	4360047A.S-R2-D
17248	01147	CUNEF2OC	4360047B.S-E0-D
17248	01147	CUNRF2OC	4360047B.S-R2-D
17248	01148	CUNEF2OD	4360047C.S-E0-D
17248	01148	CUNRF2OD	4360047C.S-R2-D
17248	01149	CUNEF2OE	4360047D.S-E0-D
17248	01149	CUNRF2OE	4360047D.S-R2-D
17248	01153	CUNEF2OF	43600481.S-E0-D
17248	01153	CUNRF2OF	43600481.S-R2-D
17248	01154	CUNEF2OG	43600482.S-E0-D
17248	01154	CUNRF2OG	43600482.S-R2-D
17248	01155	CUNEF2OH	43600483.S-E0-D
17248	01155	CUNRF2OH	43600483.S-R2-D
17248	01160	CUNEF2OM	43600488.S-E0-D
17248	01160	CUNRF2OM	43600488.S-R2-D
17248	04971	CUNEF2G9	4360136B.S-E0-D
17248	04971	CUNRF2G9	4360136B.S-R2-D
17248	05104	CUNRF2L1	436013F0.S-RC-D
17248	05348	CUNEF2PT	436014E4.S-E0-D
17248	05348	CUNRF2PT	436014E4.S-R2-D
17248	05352	CUNEF2P1	436014E8.S-EC-D
17248	09238	CUNCF2MZ	43602416.S-C0-D
17248	12712	CUNEF2CD	436031A8.S-E0-D
17248	12712	CUNRF2CD	436031A8.S-R2-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
17248	16804	CUNEF2B5	436041A4.S-E0-D
17248	16804	CUNRF2B5	436041A4.S-RC-D
17248	17584	CUNRF2PH	436044B0.SU-R-D
17337	17584	CUNRS4PH	43B944B0.MU-R-D
17584	00274	CUNEPHAX	44B00112.US-E-D
17584	00274	CUNLPHAX	44B00112.US-E-D
17584	00425	CUNCPhSR	44B001A9.US-C0-D
17584	00425	CUNEPHSR	44B001A9.US-E-D
17584	00808	CUNEPHD5	44B00328.US-E-D
17584	00848	CUNEPHD7	44B00350.US-E-D
17584	00849	CUNEPHD9	44B00351.US-E-D
17584	00858	CUNEPHFI	44B0035A.US-E-D
17584	00859	CUNEPHFK	44B0035B.US-E-D
17584	00867	CUNEPHGF	44B00363.US-E-D
17584	00872	CUNEPHG0	44B00368.US-E-D
17584	00901	CUNEPHHS	44B00385.US-E-D
17584	00902	CUNEPHHU	44B00386.US-E-D
17584	00913	CUNEPHSZ	44B00391.US-E-D
17584	00923	CUNEPHIF	44B0039B.US-E-D
17584	00924	CUNEPHIG	44B0039C.US-E-D
17584	00926	CUNEPHIH	44B0039E.UM-E-D
17584	00953	CUNEPHKY	44B003B9.UM-E-D
17584	00960	CUNEPHLF	44B003C0.UM-E-D
17584	01126	CUNEPHNT	44B00466.US-E-D
17584	01140	CUNEPHN5	44B00474.US-E-D
17584	01140	CUNLPHN5	44B00474.US-E-D
17584	01141	CUNEPHN6	44B00475.US-E-D
17584	01141	CUNLPHN6	44B00475.US-E-D
17584	01142	CUNEPHN7	44B00476.US-E-D
17584	01142	CUNLPHN7	44B00476.US-E-D
17584	01143	CUNEPHN8	44B00477.US-E-D
17584	01143	CUNLPHN8	44B00477.US-E-D
17584	01144	CUNEPHN9	44B00478.US-E-D
17584	01144	CUNLPHN9	44B00478.US-E-D
17584	01145	CUNEPHOA	44B00479.US-E-D
17584	01145	CUNLPHOA	44B00479.US-E-D
17584	01146	CUNEPHOB	44B0047A.US-E-D
17584	01146	CUNLPHOB	44B0047A.US-E-D
17584	01147	CUNEPHOC	44B0047B.US-E-D
17584	01147	CUNLPHOC	44B0047B.US-E-D
17584	01148	CUNEPHOD	44B0047C.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
17584	01148	CUNLPHOD	44B0047C.US-E-D
17584	01149	CUNEPHOE	44B0047D.US-E-D
17584	01149	CUNLPHOE	44B0047D.US-E-D
17584	01153	CUNEPHOF	44B00481.US-E-D
17584	01154	CUNEPHOG	44B00482.US-E-D
17584	01155	CUNEPHOH	44B00483.US-E-D
17584	01156	CUNEPHOI	44B00484.US-E-D
17584	01157	CUNEPHOJ	44B00485.US-E-D
17584	01158	CUNEPHOK	44B00486.US-E-D
17584	01159	CUNCPHOL	44B00487.US-C0-A1
17584	01159	CUNXPHOL	44B00487.US-C0-A1
17584	01159	CUNEPHOL	44B00487.US-E-D
17584	01160	CUNEPHOM	44B00488.US-E-D
17584	01164	CUNEPHOQ	44B0048C.US-E-D
17584	01165	CUNEPHSV	44B0048D.US-E-D
17584	01362	CUNEPHQJ	44B00552.UM-E-D
17584	04396	CUNEPHBR	44B0112C.UM-E-D
17584	04899	CUNEPHDB	44B01323.US-E-D
17584	04904	CUNEPHOS	44B01328.US-E-D
17584	04909	CUNEPHDG	44B0132D.US-E-D
17584	04930	CUNEPHDN	44B01342.UM-E-D
17584	04933	CUNEPHDZ	44B01345.UM-E-D
17584	04944	CUNEPHOT	44B01350.US-E-D
17584	04945	CUNEPHOU	44B01351.US-E-D
17584	04954	CUNEPHOY	44B0135A.US-E-D
17584	04955	CUNEPHOZ	44B0135B.US-E-D
17584	04956	CUNEPHO0	44B0135C.US-E-D
17584	04957	CUNEPHO1	44B0135D.US-E-D
17584	04958	CUNEPHO2	44B0135E.US-E-D
17584	04959	CUNEPHO3	44B0135F.US-E-D
17584	04961	CUNEPHO4	44B01361.US-E-D
17584	04962	CUNEPHO5	44B01362.US-E-D
17584	04963	CUNEPHO6	44B01363.US-E-D
17584	04971	CUNEPHG9	44B0136B.US-E-D
17584	05056	CUNEPHSS	44B013C0.UM-E-D
17584	05104	CUNEPHL1	44B013F0.US-E-D
17584	05123	CUNCPHMJ	44B01403.US-C0-A1
17584	05123	CUNXPHMJ	44B01403.US-C0-A1
17584	05123	CUNEPHMJ	44B01403.US-E-D
17584	05210	CUNCPhNJ	44B0145A.US-C0-A1
17584	05210	CUNXPHNJ	44B0145A.US-C0-A1

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
17584	05210	CUNXPHNJ	44B0145A.US-C0-A1
17584	05210	CUNEPHNJ	44B0145A.US-E-D
17584	05346	CUNEPHPP	44B014E2.US-E-D
17584	05347	CUNEPHPR	44B014E3.US-E-D
17584	05348	CUNEPHPT	44B014E4.US-E-D
17584	05349	CUNEPHPV	44B014E5.US-E-D
17584	05350	CUNEPHPX	44B014E6.US-E-D
17584	05351	CUNEPHPZ	44B014E7.US-E-D
17584	05352	CUNEPHP1	44B014E8.US-E-D
17584	05353	CUNEPHP3	44B014E9.US-E-D
17584	05354	CUNEPHP5	44B014EA.US-E-D
17584	05487	CUNCPTHC	44B0156F.UM-C0-A1
17584	08482	CUNCPHBJ	44B02122.US-C0-A1
17584	08482	CUNXPHBJ	44B02122.US-C0-A1
17584	08482	CUNEPHBJ	44B02122.US-E-D
17584	09027	CUNXPHDT	44B02343.UM-E-A
17584	09027	CUNEPHDT	44B02343.UM-E-D
17584	09042	CUNEPHOV	44B02352.US-E-D
17584	09044	CUNEPHEN	44B02354.US-E-D
17584	09048	CUNEPHE6	44B02358.US-E-D
17584	09049	CUNEPHFE	44B02359.US-E-D
17584	09061	CUNEPHGR	44B02365.US-E-D
17584	09064	CUNEPHO8	44B02368.US-E-D
17584	09238	CUNEPHMZ	44B02416.US-E-D
17584	09306	CUNEPHPA	44B0245A.US-E-D
17584	09444	CUNCPTHET	44B024E4.US-C0-A1
17584	09577	CUNCPTHD	44B02569.UM-C0-A1
17584	12712	CUNEPHCD	44B031A8.US-E-D
17584	13121	CUNCPHDL	44B03341.US-C0-A1
17584	13121	CUNXPGDL	44B03341.US-C0-A1
17584	13121	CUNEPHDL	44B03341.US-E-D
17584	13140	CUNEPHPB	44B03354.US-E-D
17584	13143	CUNEPHOW	44B03357.US-E-D
17584	13145	CUNEPHPC	44B03359.US-E-D
17584	13156	CUNEPHO7	44B03364.US-E-D
17584	13157	CUNEPHPD	44B03365.US-E-D
17584	13162	CUNEPHO9	44B0336A.US-E-D
17584	13241	CUNEPHS3	44B033B9.UM-E-D
17584	16684	CUNXPHBU	44B0412C.UM-E-A
17584	16684	CUNEPHBU	44B0412C.UM-E-D
17584	16804	CUNEPHB5	44B041A4.US-E-D

IBM-supplied conversion tables

From-CCSID	To-CCSID	file name	CDRA file name
17584	17240	CUNEPHOX	44B04358.US-E-D
17584	17248	CUNEPHF2	44B04360.US-E-D
17584	17337	CUNEPHS4	44B043B9.UM-E-D
17584	21344	CUNEPHPE	44B05360.US-E-D
17584	21427	CUNXPHKE	44B053B3.UM-E-A
17584	21427	CUNEPHKE	44B053B3.UM-E-D
17584	53685	CUNEPHOR	44B0D1B5.US-E-D
21344	17584	CUNRPEPH	536044B0.SU-R-D
21427	09027	CUNEKEDT	53B32343.D-E0-D
21427	17584	CUNEKEPH	53B344B0.MU-E-D
21433	13488	CUNRS7PG	53B934B0.MU-R-D
21680	01391	CUNCTHTF	54B0056F.UM-C0-A1
21680	09444	CUNCTHTE	54B024E4.US-C0-A1
21680	09577	CUNCTHTD	54B02569.UM-C0-A1
28709	00437	CUNEAHCE	702501B5.S-E0-A1
28709	00437	CUNRAHCE	702501B5.S-R2-D
28709	00737	CUNEAHC6	702502E1.S-E0-D
28709	00775	CUNEAHC8	70250307.S-E0-D
28709	00852	CUNEAHEL	70250354.S-E0-A1
28709	00852	CUNRAHEL	70250354.S-R2-D
28709	00857	CUNEAHFC	70250359.S-E0-A1
28709	00857	CUNRAHFC	70250359.S-R2-D
28709	00860	CUNEAHFM	7025035C.S-E0-A1
28709	00860	CUNRAHFM	7025035C.S-R2-D
28709	00861	CUNEAHFP	7025035D.S-E0-A1
28709	00861	CUNRAHFP	7025035D.S-R2-D
28709	00862	CUNEAHFS	7025035E.S-E0-A1
28709	00862	CUNRAHFS	7025035E.S-R2-D
28709	00863	CUNEAHFV	7025035F.S-E0-A1
28709	00863	CUNRAHFV	7025035F.S-R2-D
28709	00864	CUNEAHFY	70250360.S-E0-A1
28709	00864	CUNRAHFY	70250360.S-R2-D
28709	00865	CUNEAHGA	70250361.S-E0-A1
28709	00865	CUNRAHGA	70250361.S-R2-D
28709	13488	CUNRAHPG	702534B0.SU-R-D
33058	13488	CUNCBKPG	812234B0.SU-C0-D
53685	17584	CUNRORPH	D1B544B0.SU-R-D

IBM-supplied conversion tables

Appendix G. Summary of suffixes and CCSIDs

In the following you find a complete list of the suffixes together with the according CCSID. The suffixes refer to the suffixes of the file names in the table in Appendix F, "Summary of IBM-supplied conversion tables" on page 115.

suffix	CCSID
AA	00037
AB	04133
AC	08229
AD	12325
AE	16421
AF	20517
AG	24613
AH	28709
AI	32805
AJ	00256
AK	08448
AL	12544
AM	61696
AN	61697
AO	61698
AP	00259
AQ	61699
AR	61700
AS	61710
AT	61711
AU	61712
AV	00273
AW	04369
AX	00274
AY	04370
AZ	00275
A0	04371
A1	04372
A2	00277
A3	04373
A4	00278
A5	04374
A6	00280
A7	04376
A8	00281

Suffixes and CCSIDs

suffix	CCSID
A9	00282
BA	04378
BB	00284
BC	04380
BD	08476
BE	00285
BF	04381
BG	00286
BH	00290
BI	04386
BJ	08482
BK	33058
BL	00293
BM	04389
BN	00297
BO	04393
BP	08489
BQ	00300
BR	04396
BS	08492
BT	12588
BU	16684
BV	00301
BW	04397
BX	08493
BY	24877
BZ	00310
B0	00367
B1	00420
B2	04516
B3	08612
B4	12708
B5	16804
B6	00421
B7	04517
B8	00423
B9	04519
CA	00424
CB	04520
CC	08616
CD	12712

Suffixes and CCSIDs

suffix	CCSID
CE	00437
CF	04533
CG	08629
CH	12725
CI	16821
CJ	20917
CK	25013
CL	29109
CM	33205
CN	37301
CO	41397
CP	45493
CQ	49589
CR	00500
CS	04596
CT	08692
CU	12788
CV	16884
CW	20980
CX	25076
CY	29172
CZ	33268
C0	37364
C1	41460
C2	45556
C3	49652
C4	53748
C5	00720
C6	00737
C7	25313
C8	00775
C9	25351
DA	00803
DB	04899
DC	00806
DD	04902
DE	00807
DF	00813
DG	04909
DH	00819
DI	00833

Suffixes and CCSIDs

suffix	CCSID
DJ	04929
DK	09025
DL	13121
DM	00834
DN	04930
DO	09026
DP	13122
DQ	17218
DR	00835
DS	04931
DT	09027
DU	00836
DV	04932
DW	09028
DX	13124
DY	00837
DZ	04933
D0	09029
D1	00838
D2	04934
D3	09030
D4	00839
D5	00808
D6	25384
D7	00848
D8	25424
D9	00849
EA	25425
EB	00850
EC	04946
ED	25426
EE	29522
EF	33618
EG	00851
EH	04947
EI	25427
EJ	29523
EK	33619
EL	00852
EM	04948
EN	09044

Suffixes and CCSIDs

suffix	CCSID
EO	25428
EP	29524
EQ	33620
ER	37716
ES	00853
ET	04949
EU	25429
EV	29525
EW	33621
EX	00855
EY	04951
EZ	09047
E0	25431
E1	29527
E2	33623
E3	37719
E4	00856
E5	04952
E6	09048
E7	13144
E8	25432
E9	29528
FA	33624
FB	37720
FC	00857
FD	04953
FE	09049
FF	25433
FG	29529
FH	33625
FI	00858
FJ	25434
FK	00859
FL	25435
FM	00860
FN	25436
FO	29532
FP	00861
FQ	25437
FR	29533
FS	00862

Suffixes and CCSIDs

suffix	CCSID
FT	25438
FU	29534
FV	00863
FW	25439
FX	29535
FY	00864
FZ	04960
F0	09056
F1	13152
F2	17248
F3	25440
F4	29536
F5	33632
F6	37728
F7	41824
F8	45920
F9	50016
GA	00865
GB	25441
GC	29537
GD	00866
GE	25442
GF	00867
GG	25443
GH	00868
GI	04964
GJ	09060
GK	25444
GL	29540
GM	33636
GN	37732
GO	41828
GP	00869
GQ	04965
GR	09061
GS	25445
GT	29541
GU	33637
GV	37733
GW	00870
GX	04966

Suffixes and CCSIDs

suffix	CCSID
GY	00871
GZ	04967
G0	00872
G1	04968
G2	25448
G3	00874
G4	04970
G5	09066
G6	25450
G7	29546
G8	00875
G9	04971
HA	00878
HB	00880
HC	04976
HD	00891
HE	25467
HF	00892
HG	00893
HH	00895
HI	00896
HJ	04992
HK	00897
HL	04993
HM	09089
HN	13185
HO	25473
HP	33665
HQ	37761
HR	00899
HS	00901
HT	25477
HU	00902
HV	25478
HW	00903
HX	25479
HY	00904
HZ	25480
H0	00905
H1	00912
H2	25488

Suffixes and CCSIDs

suffix	CCSID
H3	00914
H4	00915
H5	25491
H6	00916
H7	05012
H8	00918
H9	05014
IA	00920
IB	00921
IC	25497
ID	00922
IE	25498
IF	00923
IG	00924
IH	00926
II	25502
IJ	00927
IK	05023
IL	25503
IM	00928
IN	25504
IO	00929
IP	25505
IQ	00930
IR	05026
IS	09122
IT	13218
IU	17314
IV	33698
IW	00931
IX	13219
IY	33699
IZ	00932
Io	05028
I1	09124
I2	25508
I3	33700
I4	37796
I5	00933
I6	05029
I7	09125

Suffixes and CCSIDs

suffix	CCSID
I8	13221
I9	17317
JA	00934
JB	25510
JC	00935
JD	05031
JE	09127
JF	13223
JG	00936
JH	25512
JI	00937
JJ	05033
JK	00938
JL	25514
JM	00939
JN	05035
JO	09131
JP	00941
JQ	05037
JR	09133
JS	13229
JT	17325
JU	00942
JV	05038
JW	25518
JX	29614
JY	00943
JZ	05039
JO	09135
J2	13231
J3	00944
J4	25520
J5	29616
J6	00946
J7	25522
J8	29618
J9	00947
KA	05043
KB	09139
KC	13235
KD	17331

Suffixes and CCSIDs

suffix	CCSID
KE	21427
KF	00948
KG	25524
KH	29620
KI	00949
KJ	05045
KK	25525
KL	29621
KM	33717
KN	37813
KO	00950
KP	05046
KQ	09142
KR	13238
KS	00951
KT	05047
KU	25527
KV	29623
KW	00952
KX	05048
KY	00953
KZ	05049
K0	09145
K1	00954
K2	05050
K3	09146
K4	13242
K5	33722
K6	00955
K7	00956
K8	05052
K9	00957
LA	05053
LB	00958
LC	05054
LD	00959
LE	05055
LF	00960
LG	00961
LH	05057
LI	00963

Suffixes and CCSIDs

suffix	CCSID
LJ	00964
LK	05060
LL	00965
LM	05061
LN	00966
LO	00970
LP	05066
LQ	17354
LR	21450
LS	25546
LT	00971
LU	05067
LV	01002
LW	01004
LX	05100
LY	25580
LZ	01006
L0	01008
L1	05104
L2	01009
L3	01010
L4	01011
L5	01012
L6	01013
L7	01014
L8	01015
L9	01016
MA	01017
MB	01018
MC	01019
MD	01020
ME	01021
MF	01023
MG	01025
MH	01026
MI	01027
MJ	05123
MK	01040
ML	25616
MM	29712
MN	01041

Suffixes and CCSIDs

suffix	CCSID
MO	05137
MP	25617
MQ	29713
MR	01042
MS	25618
MT	29714
MU	01043
MV	25619
MW	29715
MX	01046
MY	05142
MZ	09238
M0	01047
M1	05143
M2	01051
M3	01088
M4	25664
M5	29760
M6	01089
M7	01097
M8	01098
M9	01100
NA	01101
NB	01102
NC	01103
ND	01104
NE	01105
NF	01106
NG	01107
NH	01112
NI	01114
NJ	05210
NK	25690
NL	29786
NM	01115
NN	05211
NO	25691
NP	01122
NQ	01123
NR	01124
NS	01125

Suffixes and CCSIDs

suffix	CCSID
NT	01126
NU	05222
NV	25702
NW	01127
NX	25703
NY	01129
NZ	01130
N0	01131
N1	01132
N2	01133
N3	01137
N4	01139
N5	01140
N6	01141
N7	01142
N8	01143
N9	01144
OA	01145
OB	01146
OC	01147
OD	01148
OE	01149
OF	01153
OG	01154
OH	01155
OI	01156
OJ	01157
OK	01158
OL	01159
OM	01160
ON	01161
OO	01162
OP	01163
OQ	01164
OR	53685
OS	04904
OT	04944
OU	04945
OV	09042
OW	13143
OX	17240

Suffixes and CCSIDs

suffix	CCSID
OY	04954
OZ	04955
O0	04956
O1	04957
O2	04958
O3	04959
O4	04961
O5	04962
O6	04963
O7	13156
O8	09064
O9	13162
PA	09306
PB	13140
PC	13145
PD	13157
PE	21344
PF	01200
PG	13488
PH	17584
PI	01201
PJ	05297
PK	01208
PL	05304
PM	01209
PN	05305
PO	01250
PP	05346
PQ	01251
PR	05347
PS	01252
PT	05348
PU	01253
PV	05349
PW	01254
PX	05350
PY	01255
PZ	05351
P0	01256
P1	05352
P2	01257

Suffixes and CCSIDs

suffix	CCSID
P3	05353
P4	01258
P5	05354
P6	01275
P7	01276
P8	01277
P9	01279
QA	01280
QB	01281
QC	01282
QD	01283
QE	01284
QF	01285
QG	01286
QH	01350
QI	01351
QJ	01362
QK	05458
QL	09554
QM	13650
QN	01363
QO	05459
QP	09555
QQ	13651
QR	01364
QS	05460
QT	01370
QU	01371
QV	01380
QW	05476
QX	09572
QY	01381
QZ	05477
Q0	01382
Q1	05478
Q2	01383
Q3	05479
Q4	09575
Q5	13671
Q6	01385
Q7	05481

Suffixes and CCSIDs

suffix	CCSID
Q8	01386
Q9	05482
RA	01388
RB	05484
RC	01390
RD	01399
RE	57345
RF	61952
RG	61953
RH	61954
RI	62208
RJ	62209
RK	62210
RL	62211
RM	62212
RN	62213
RO	62214
RP	62215
RQ	62216
RR	62217
RS	62218
RT	62219
RU	62220
RV	62221
RW	62222
RX	62223
RY	62224
RZ	62225
R0	62226
R1	62227
R2	62228
R3	62229
R4	62230
R5	62231
R6	62232
R7	62233
R8	62234
R9	62235
SA	62236
SB	62237
SC	62238

Suffixes and CCSIDs

suffix	CCSID
SD	62239
SE	62240
SF	62241
SG	62242
SH	62243
SI	62244
SJ	62245
SK	62246
SL	62247
SM	62248
SN	62249
SO	62250
SP	65024
SQ	65025
SR	00425
SS	05056
ST	03122
SU	09148
SV	01165
SW	12578
SX	01287
SY	01288
SZ	00913
S0	09088
S1	09144
S2	09163
S3	13241
S4	17337
S5	13184
S6	13240
S7	21433
S8	13259
S9	09574
TA	17336
TB	05488
TC	05487
TD	09577
TE	09444
TF	01391
TG	01392
TH	21680

Suffixes and CCSIDs

suffix	CCSID

Appendix H. Supported MBCS CCSIDs

In the following you find the list of MBCS CCSIDs supported by Unicode:

Table 18. List of MBCS CCSIDs supported by Unicode

00930	01386
00931	01388
00932	01390
00933	01392
00934	01399
00935	05026
00936	05029
00937	05031
00938	05033
00939	05035
00942	05039
00943	05045
00944	05050
00946	05052
00948	05053
00949	05054
00950	05055
00954	05061
00956	05479
00957	05488
00958	09122
00959	09146
00964	09575
00965	13218
00966	13219
00970	13242
01350	13671
01363	17354
01364	21450
01370	25546
01371	33698
01381	33722
01383	

Supported MBCS CCSIDs

Appendix I. MBCS CCSID decomposition

In the following you find a list of MBCS CCSIDs and how they decompose into SBCS and DBCS sub-CCSIDs.

MBCS	Sub 1	Sub2	Sub3	Sub4
00930	00290	00300		
00931	08229	0030		
00932	00897	00301		
00933	00833	00834		
00934	00891	00926		
00935	00836	00837		
00936	00903	00928		
00937	28709	00835		
00938	00904	00927		
00939	01027	00300		
00942	01041	00301		
00943	13185	00941		
00944	01040	00926		
00946	01042	00928		
00948	01043	00927		
00949	01088	00951		
00950	01114	00947		
00954	00895	00952	09088	00953
00956	00895	13240	00896	21433
00957	00895	00955	00896	21433
00958	00367	13240	00896	21433
00959	00367	00955	00896	21433
00964	00367	00960	00961	
00965	00367	05056	00963	
00970	00367	00971		
01350	00367	05048	13184	05049
01363	01126	01362		
01364	13121	04930		
01370	05210	21427		
01371	01159	09027		
01381	01115	01380		
01383	00367	01382		
01386	05210	01385		
01388	13124	04933		

MBCS CCSID decomposition

MBCS	Sub 1	Sub2	Sub3	Sub4
01390	08482	16684		
01399	05123	16684		
05026	00290	04396		
05028	04993	00301		
05029	04929	00834		
05031	04932	00837		
05033	08229	00835		
05035	01027	04396		
05038	01041	08493		
05039	01041	01351		
05045	01088	05047		
05046	01114	05043		
05050	00895	00952	13184	09145
05052	00895	13240	00896	21433
05053	00895	00955	00896	21433
05054	00367	13240	00896	21433
05055	00367	00955	00896	21433
05060	00367	00960	05057	
05066	00367	13259		
05459	05222	05458		
05460	00833	17218		
05477	05211	01380		
05479	00367	09574		
05482	01114	05481		
05484	00836	09029		
09122	04386	00300		
09124	09089	00301		
09125	09025	09026		
09127	09028	00837		
09131	01027	08493		
09135	00897	09133		
09142	01114	09139		
09146	00895	00952	13184	00953
09148	00367	00895	00955	17336
09555	05222	09554		
09575	00367	05478		
13218	04386	04396		
13219	08229	04396		
13231	00897	17325		

MBCS CCSID decomposition

MBCS	Sub 1	Sub2	Sub3	Sub4
13238	01114	13235		
13242	00895	05048	13184	05049
13651	05222	13650		
13671	00367	05478		
17314	00290	12588		
17317	09025	13122		
17354	00367	09163		
21450	00367	05067		
25508	25473	24877		
25510	25467	25502		
25512	25479	25504		
25514	25480	25503		
25518	25617	24877		
25520	25616	25502		
25522	25618	25504		
25524	25619	25503		
25525	25664	25527		
25546	00367	09163		
29614	29713	24877		
29616	29712	25502		
29618	29714	25504		
29620	29715	25503		
29621	29760	25527		
33698	33058	04396		
33699	32805	04396		
33700	33665	24877		
33717	25664	29623		
33722	00895	00952	09088	09145
37796	37761	24877		
37813	29760	29623		

MBCS CCSID decomposition

Appendix J. MBCS CCSIDs compatible with iconv

In the following you find a list of MBCS CCSIDs for which tables were changed to get compatibility with the iconv function of the Language Environment.

These CCSIDs can be selected by using the technique character "L" when calling the service and when defining conversions for the image generator.

If you are looking for iconv compatible SBCS and DBCS tables, check the list of conversion tables in Appendix F, "Summary of IBM-supplied conversion tables" on page 115 for table names starting with CUNL.

00930
00932
00939
00958
00959
05054
05055

MBCS CCSIDs compatible with iconv

Appendix K. C-variant MBCS CCSIDs compatible with iconv

In the following you find a list of MBCS CCSIDs for which tables were changed to get compatibility with the iconv function of the C Runtime Environment (C-variants). These CCSIDs can be selected by using the technique character "M" when calling the service and when defining conversions for the image generator

00932 corresponds to IBM-932C
00942 corresponds to IBM-942C
00943 corresponds to IBM-943C
00949 corresponds to IBM-949C
01363 corresponds to IBM-1363C
33722 corresponds to IBM-eucJC

C-variant MBCS CCSIDs compatible with iconv

Appendix L. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen-readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size

Using assistive technologies

Assistive technology products, such as screen-readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer*, *z/OS TSO/E User's Guide*, and *z/OS ISPF User's Guide Volume I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

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Glossary of terms and abbreviations

This glossary defines technical terms and abbreviations used in *z/OS support for Unicode* documentation. If you do not find the term you are looking for, refer to the Index of this document or go to *IBM Glossary of Computing Terms* at

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This glossary includes terms and definitions from:

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A

ACRI. additional coding-related information: A CDRA term referring to the additional information that is required to complete the definition associated with using particular encoding schemes. This information is in addition to the encoding scheme identifier, character set identifiers and code page identifiers that are associated with the case particular encoding scheme. An example for ACRI is the range of valid first bytes of double-byte code points in mixed single-byte and double-byte code.

ANSI. American National Standards Institute: The organization originally founded in 1918 to handle the problem of manufacturing interchangeable parts. Today ANSI does not develop standards but coordinates and accredits standards development in the United States of America.

ASCII. American National Standard Code for Information Interchange: The standard code, using a coded set consisting of 7-bit coded characters (8 bits including parity check), used for information interchange between data processing systems, data communication systems, and associated equipment. The ASCII set consists of control characters and graphic characters.

B

big endian. Big endian is a format for storage of binary data in which the most significant byte is placed

first. Big endian is used by most hardware architectures including the 390 architecture. Also see *little endian* on page 373.

C

case conversion. Conversion of a lower case character to upper case and vice versa.

CCSID . coded character set identifier: A 16-bit number identifying a specific set of encoding scheme identifier, character set identifier(s), code page identifier(s), and additional coding related required information, that uniquely identifies the coded graphic character representation used.

CDRA. character data representation architecture: An IBM architecture that defines a set of identifiers, resources, services, and conventions to achieve a consistent representation, processing, and interchange of graphic character data in mixed environments.

character. A member of a set of elements used for organization, control, or representation of data. A character can be a graphic character or a control character.

character conversion. Conversion between specified CCSIDs. The process of converting a set of characters from one CCSID to another CCSID.

character set. A defined set of characters. No coded representation is assumed.

code. A system of bit patterns to which a specific graphic or a control meaning has been assigned.

code page. A specification of code points from a defined encoding scheme for each graphic character in a set or in a collection of graphic character sets. Within a code page, a code point can have only one specific meaning. See also code point and encoding scheme.

code page conversion. The process of converting a set of characters from one CCSID to another CCSID. The term 'code page conversion' is not used in this documentation; instead the term 'character conversion' is used.

code point. A unique bit pattern defined in a code. Depending on the code, a code point can be 7-bit, 8-bit, 16-bit, or other. Code points are assigned to a graphic character in a code page.

code set. See *coded character set*.

coded character . A control or graphic character with its assigned code point.

Glossary

coded character set. A set of unambiguous rules that establish a character set and the one-to-one relationships between the characters of the set and their coded representations. (ISO/IEC)

control character.

1. (ISO/IEC 6429) A control function, the coded representation of which consists of a single bit combination.
2. A character whose occurrence in a particular context initiates, modifies, or stops a control function.

control function. (ISO/IEC 6429) An element of a character set that affects the recording, processing, transmission, or interpretation of data, and that has a coded representation of one or more bit combinations.

conversion image. The conversion services can only be used when conversion tables and control blocks are loaded into storage. Conversion tables and control blocks together are called 'conversion image' or simply 'image'. The conversion image is created by the image generator which runs as a batch job.

conversion environment. When the conversion image is loaded into a common data space, the conversion environment is activated and the conversion services are ready to be used by callers.

conversion services. This document describes the conversion services which are offered by z/OS support for Unicode. Also see *character conversion* and *case conversion*.

composite conversion. Converting a MBCS CCSIDs is done by decomposing it into its individual CCSIDs and then converting the MBCS character stream by using the appropriate CCSIDs. This process is called 'composite conversion' (a mixed CCSID is involved). Also see *simple conversion* on page 373.

CPGID. code page global identifier: A number between 00001 and 65534 that is assigned to identify a code page. It may be expressed as a five-digit decimal number, a four-digit hexadecimal number, or a double-byte binary number.

D

DBCS. double-byte (coded) character set: A coded character set in which each character is represented by a double-byte code point. Some character sets, such as Kanji, are too rich in symbols to be able to represent all the characters using single-byte codes. A double-byte code character set is used to represent the symbols that make up such large character sets.

designator sequence. A sequence used by some ISO2022-based encodings for indicating the character sets to use when shifting characters are used. (also see: *Lunde, Ken: Understanding CJKV Information*

Processing. Chinese, Japanese, Korean & Vietnamese Computing. 1999. ISBN: 1-56592-224-7, O'REILLY ASSOCIATES)

direct conversion. When the conversion is done in one step, it is called direct conversion.

E

EBCDIC. IBM Extended Binary Coded Decimal Interchange Code: A coded character set consisting of 8-bit coded characters.

encoding scheme. A set of specific definitions that describe the philosophy used to represent character data. The number of bits, the number of bytes, the allowable ranges of bytes, maximum number of characters, and meanings assigned to some generic and specific bit patterns, are some examples of specifications to be found in such a definition.

encoding scheme identifier. A 16-bit number assigned to uniquely identify a particular encoding scheme specification. See also *encoding scheme*

endian. See *big endian* on page 371 and *little endian* on page 373.

EUC. Extended Unix Code: an MBCS encoding which consists of up to four sub code pages.

F

From-CCSID. It is the CCSID converting from.

G

GB18030. Chinese standard that specifies an extended Codepage and a mapping table for conversion to and from Unicode DBCS. GB18030 is formed with 1,2 and 4 byte character sets. 1 and 2 byte parts are similar to UTF and are compatible with GBK encodings.

graphic character. (ISO 646-1983)

1. A character other than a control function that has a visual representation normally handwritten, printed, or displayed.
2. A character that can be displayed or printed.
3. A graphic symbol such as a numeric, alphabetic, or special character, or ideogram.

graphic character set. A defined set of graphic characters treated as an entity. No coded representation is assumed.

H

High-surrogate. High-Surrogate. A Unicode code value in the range U+D800 through U+DBFF.

I

IDF. interface definition file

image generator for z/OS support for Unicode. This is a batch job supplied by z/OS support for Unicode for creating a conversion image. The job sometimes is referred to as 'image generator'.

indirect conversion. When the conversion is done using an intermediate CCSID, it is called indirect conversion.

infrastructure. The infrastructure supplies all parts necessary to customize and establish the conversion services. It includes conversion tables and the commands SET UNI and DISPLAY UNI.

intermediate CCSID. An indirect conversion uses intermediate CCSIDs to complete the several conversion steps.

L

little endian. Little endian is a format for storage of binary data in which the least significant byte is placed first. Little endian is used by the Intel hardware architectures. Also see *big endian* on page 371.

Low-surrogate. Low-Surrogate. A Unicode code value in the range U+DC00 through U+DFFF.

lowercase. Pertaining to the small alphabetic characters, whether accented or not, as distinguished from the capital alphabetic characters. The concept of case also applies to alphabets such as Cyrillic and Greek, but not to Arabic, Hebrew, Thai, Japanese, Chinese, Korean, and many other scripts. Examples of lowercase letters are a, b, and c. Lowercase stands in contrast to uppercase.

M

MBCS. multi-byte character set: A set of characters in which each character is represented by 1 or more bytes.

mixed code page. It is a codepage specially defined to refer to a combination of SBCS and DBCS coded character sets (MBCS) that may be used in data streams or files. For example, CCSID 5035 is a mixed code page for Japanese that consists of Latin characters in CCSID 1027 and Kanji characters in CCSID 4396.

P

PC. personal computer: In the context of this document, it is the name for an extension of the ISO 646 (ANSI version) 7-bit code structure to an 8-bit structure.

S

SBCS. single-byte character set: A set of characters in which each character is represented by one byte.

script. A collection of graphic symbols used for writing. A script is not related to either a language nor a country. Members of the same linguistic family can use different scripts. For example, the Latin script is used by most western European languages, while the Arabic script is used in Arabic countries as well as in Iran for Farsi and in Pakistan for Urdu.

simple code page. A codepage with a pure single-byte or pure double-byte encoding (SBCS, DBCS, and UCS-2).

simple conversion. Simple conversion is a conversion where no mixed CCSID is involved. Also see *composite conversion* on page 372.

sub code page. A code page is called sub code page when it is mentioned in the context of the code page that make up a mixed codepage.

surrogate pair. A coded character representation for a single abstract character that consists of a sequence of two Unicode values, where the first value of the pair is a high-surrogate and the second is a low-surrogate.

T

TBCS. triple-byte character set: A set of characters in which each character is represented by three bytes.

technique. There may be multiple conversion tables available for converting one CCSID to another. The different conversion tables use different techniques for example 'Round Trip' or 'Enforced Subset'.

To-CCSID. It is the CCSID converting to.

U

UCAE. Unicode case conversion control entry: Each UCAE contains control information for one kind of case conversion.

UCCB. Unicode conversion control block.

UCCE. Unicode character conversion control entry: Each UCCE contains control information for one kind of character conversion.

Glossary

UCS. Abbreviation for **universal character set**, which is specified by International Standard ISO/IEC 10646.

UCS-2. ISO/IEC 10646 encoding form: universal character set coded in 2 octets.

Unicode Standard. A universal character encoding standard that supports the interchange, processing, and display of text that is written in any of the languages of the modern world. It can also support many classical and historical texts and is continually being expanded. The Unicode Standard is compatible with ISO/IEC 10646.

uppercase. Pertaining to the capital alphabetic characters, whether accented or not, as distinguished from the small alphabetic characters. The concept of case also applies to alphabets such as Cyrillic and Greek, but not to Arabic, Hebrew, Thai, Japanese, Chinese, Korean, and many other scripts. Examples of capital letters are A, B, and C. Uppercase stands in contrast to lowercase.

UTF-8. Unicode transformation format or UCS transformation format: 8-bit encoding form. The UTF-8 is the Unicode transformation format that serializes a Unicode scalar value as a sequence of one to four bytes.

UTF-16. Unicode transformation format or UCS transformation format: 16-bit encoding form. The UTF-16 is the Unicode transformation format that serializes a Unicode value as a sequence of two bytes, in either big endian or little endian format.

UTF-32. Unicode transformation format or UCS transformation format: 32-bit encoding form. The UTF-32 is the Unicode transformation format that serializes a Unicode value as a sequence of four bytes, in either big endian or little endian format.

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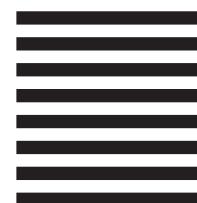
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